

# LEHIGH ALUMNI BULLETIN

VOLUME 5

FEBRUARY, 1918

NUMBER 3

**ALUMNI DAY, APRIL 13th, 1918**

**HONOR ROLL OF OVER 700 NAMES**

**SIX MONTHS IN THE FRENCH ARMY**

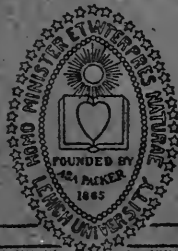
by R. D. Halliwell, '19

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**COLLEGE ACTIVITIES**

**ALUMNI NEWS**

PUBLISHED QUARTERLY BY THE ALUMNI  
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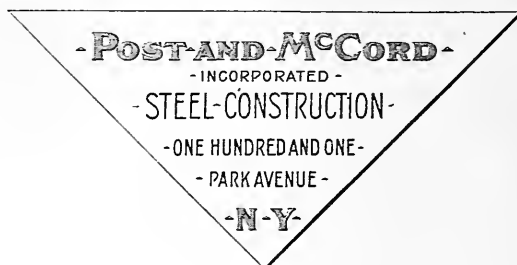
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# ALUMNI BULLETIN

OF

## LEHIGH UNIVERSITY

PUBLISHED QUARTERLY BY THE ALUMNI ASSOCIATION

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WALTER R. OKESON, *Editor*

Volume 5

FEBRUARY, 1918

Number 3

THE ALUMNI BULLETIN will be sent to all Lehigh men and the subscription price is included in the regular dues of the Alumni Association.

For 25 cents a year it will be sent to any address indicated by a Lehigh man. Be sure that no promising young man, no reading room, and no employer of engineers in your town is without it.

Readers of the BULLETIN are requested to notify the Alumni Association of changes in address of themselves and of former students so that the ALUMNI LIST, published by the Alumni Association, may be as accurate as possible.

The BULLETIN urges alumni to contribute news. Items should be sent to the Editor.

### ALUMNI DAY, APRIL 13, 1918

ARE YOU COMING? Now don't say, "It's too early," or "The weather is too uncertain in April," or "I'm too busy this year." All good reasons no doubt. It is also true that unnecessary traveling should not be done this year. (Of course you are never guilty of this.) Then again, no one can gainsay the fact that you should save your money and put it in Liberty Bonds. Now, having heard the negative side, what are the affirmative reasons for coming?

YOUR college (please don't miss that emphasis) is doing magnificent work under most difficult and trying conditions. The President, the Trustees, the Faculty and the undergraduates all need encouragement as they finish a hard year and face a harder one. A big crowd on Alumni Day, here to express their appreciation of what Lehigh is doing, means more than you realize. If you are doing your work and doing it with your might, you surely face discouragement at times, and need the tonic effect of a little appreciative praise. What more subtle praise could there be, for these men who are so splendidly doing their duty, than for hundreds of Lehigh Alumni to gather here on Alumni Day, in spite of all the excellent reasons for not coming, given in the first paragraph. This year, come back, not with your first thought the good time you will have, but with the serious purpose of showing your loyalty and love for this, YOUR college; of encouraging the men who make up the active college body, and finally to welcome into the Alumni Association the Class of 1918, who are going out into the world to do their part in winning this war, and many of whom may lay down their lives before another Alumni Day dawns. This is not sentimental "mush," it is the naked truth. Colleges thrive or perish, according to the strength and loyalty of their supporters. They are not inanimate machines or even

business propositions. They require sentiment and idealism as well as dollars and cents for their proper nourishment and growth. Our homes, our churches and our college are what we are fighting for. Freedom of life, of religion, of education. Everything must subordinate itself to winning of the war, but it will do no good to win it if we destroy in the winning what we are fighting to save. "We are fighting so that the next generation may have peace." Very well. Then don't let us forget to educate the next generation so they may be able to enjoy the blessings of peace. Shoot straight and think straight. Straight thinking will show you that you cannot afford to neglect this college of YOURS, and that if you do neglect it there is no one to take your place and do your duty. Lehigh, with a thousand supporters, may flourish, but not the same degree that she would if three thousand men have her interests at heart. It is a matter of simple arithmetic. You don't need your Calculus. Don't worry about what some one else is doing to aid Lehigh, except to ask the question, "Does he have to carry my share of the load or am I lifting my weight?"

### Alumni Day Program

The reason for fixing on April 13, for Alumni Day, was that the Faculty had decided to graduate the Senior Class in April and finish the work of the three other classes about May 15. Therefore Alumni Day was set to coincide with Commencement. On Saturday, April 13, at 10 a.m., the Commencement exercises will be held in the Chapel, and immediately following this the Annual Alumni Meeting will be held, also in the Chapel. Then we will adjourn to the Commons where the usual Alumni Day Luncheon will be served by the University. A program of speeches and songs will follow, and then, led by the Bethlehem Steel Company Band, we will parade by classes to Taylor Field, where a championship Lacrosse game between Swathmore and Lehigh is to be played. The Reunion Classes are urged to have banners to which the classes can rally and the men from the non-reunion classes will join in one body as the "Class of '66."

### Class Reunions

Under the Dix "Group Reunion" Plan, adopted by the Alumni Association last June, the Reunion Classes designated to compete for the Cup are 1869, 1870, 1871—1887, 1888, 1889, 1890—1906, 1907, 1908, 1909—and 1916. Any other classes who would, under the old plan for reunions, have been due for one this year can also compete if they notify the Alumni Secretary of their desire to do so. 1878 is planning to hold a 40-year Reunion and compete for the cup, and perhaps 1888, 1893, 1898, 1903, and 1913 may decide to do likewise. The total number of all men registered under any class (not graduates only) constitutes that class, and the proportion of these in attendance on Alumni Day fixes the percentage that the Class Secretary certifies to and hands in to the Chairman of the Reunion Cup Committee, Walton Forstall.

### Reunion of the Class of '66

At the Bethlehem Club, on Friday night, April 12, the great and glorious Class of '66, consisting of members of all non-reunion classes (and their friends), will hold a reunion. Try to get here on time for this function for it surely will be worth attending. There will be no special arrangements except that the privileges of the Club will be extended to all Lehigh men on that night.

### Rooms and Meals

The Alumni Secretary will make arrangements for the accommodation of all returning Alumni who write to him stating their requirements. It will be possible to take care of a number in the dormitories, and the Gymnasium will be fitted out with cots and blankets. Think of getting up in the morning and having a swim in the pool before breakfast. Breakfast can be had at

the Commons without charge if the Alumnus has been thoughtful enough to get a ticket from the Alumni Secretary. Where men bringing their families, desire rooms in town, at hotels or boarding houses, arrangements will be made as far as is possible. Bethlehem is a pretty crowded town at present and early reservations should be made.

#### Registration

Register by 'phone as soon as you get to town. The 'Phone number of the Alumni office is 1993. If you expect mail or telegrams, have them sent in care of the Alumni Association, Drown Hall, South Bethlehem, Pa. If you expect long distance calls, tell them to call 1993 Bethlehem. If you have registered we will find you and see that you get your message..

#### LETTERS TO REUNION CLASSES

##### Class of 1870

I hope every man who has been a member of the class of 1870 can come to Lehigh this Commencement, April 13, 1918. Come and see what has been done in the years past, and hear of Lehigh's record. I am sure you will be happier for the few hours here, and return home with pleasant memories.

Sincerely yours,

H. R. PRICE,  
Secretary, Class 1870.

435 Clinton Avenue,  
Brooklyn, N. Y.

##### Class of 1887

Under the Dix Reunion Plan adopted last Spring, our class and the classes of '88, '89 and '90 hold reunions this Spring. It has been a long time since we have entered into direct competition with any of these classes, but there was a day when the fact that the class of '88 was gathering in force was sufficient reason to bring out every '87 man. To be sure there will not be anything in the nature of a "rush" but we certainly don't intend to let these "Freshmen" win the reunion cup and lord it over us. Let your memory go back to the days when we were Seniors and consider our position at that time in reference to '88, '89 and '90. Make up your minds that on April 13, '87 will still retain its pre-eminence. Of course we had our thirtieth reunion last Spring and it seems rather early to stir things up again, but we don't have another chance at this cup until 1923. We missed getting it last

Spring. Let's stage a "come-back." THIS WAY, '87.

FRANK S. SMITH,  
226 East Market Street, Secretary.  
Bethlehem, Pa.

##### Class of 1888

Gloucester City, N. J.,

February 23, 1918.

I have not time at this moment to prepare a letter for publication in the ALUMNI BULLETIN, but drop you this hasty line to say that plans are now being made for our reunion at Commencement time, and I have already been in communication with a number of the members of the class for the purpose of working out details for that event. It might be well for you to simply insert an item to the effect that the class of '88 is planning for the reunion and it is hoped that there will be a large attendance. I find that there is a general feeling among the members of the class that this anniversary should be observed. The many difficulties, however, that are in the way, make it rather questionable whether our reunion should be an elaborate affair. The consensus of opinion at the present writing seems to point towards an informal gathering, and I am certainly hoping that we may have a good attendance.

Very truly yours,

HARLAN S. MINER,  
Secretary, Class of 1888.  
Gloucester City, N. J.

##### Class of 1889

As you likely already know, Alumni Day this year will be Saturday, April

13, and according to the newly adopted schedule, the classes of '87, '88, '89 and '90 are due for reunions.

Every member of the class of '89 should be making his plans now (for time is getting short) so as to be back at Lehigh to give encouragement to the graduating class, to meet our old friends of the classes who were in the University at the time we were there and, better than all, to have a jolly good gathering of our own classmates.

Detail plans will be sent to individual members of the class. If you have any suggestions, send them in, as we are always open for new ideas.

Yours truly,

WM. A. CORNELIUS.

Secretary, Class of '89.

National Tube Co.,  
McKeesport, Pa.

#### Class of 1890

In a poll of the class of '90 only nine indicated their intention to return for our re-union, which, upon the Dix plan, should take place this year. A few have not replied, and either my communication or theirs may have miscarried.

The class of '90 will endeavor to do its duty, and the Secretary urges every member of the Class who can possibly arrange to return for the reunion to notify me instantly of his intention. Every member of the class must realize that, if arrangements are to be made for a dinner by the permanent local committee, the Secretary must have immediately the information as to how many to provide for.

H. A. FOERING,

Secretary.

Bethlehem, Pa.

#### Class of 1906

The call that summoned 1906 to games, rushes, contests and class events again is sounded to indicate that every loyal member of the class is wanted on Lehigh campus on April 13. Let us all put aside business cares and concern over the war for a few hours and return to our Alma

Mater to renew old acquaintances, which, under the new Reunion plan, is assured beyond all doubt. Then we shall return to our labors with greater zeal because of short relaxation. The committee in charge of the reunion is eager that every man shall be in his place or be accounted for on Alumni Day. Can we count on you?

CHARLES F. GILMORE,

Secretary.

665 Spruce Street,  
Williamsport, Pa.

#### Class of 1907

As we held a special nine-year reunion in June, 1916, and last year our regular ten-year reunion, the local committee has decided not to attempt to have another class celebration this year. However, we are hoping a large number of 1907 men will return as we are eligible for competition for the reunion cup. A meeting of the class will be held at the Bethlehem Club on Friday night, April 12, and while no special banquet arrangements will be made, we can have a pleasant little reunion and drink a toast to the 18 members of the class now in the service of our country. We won't have another chance at this reunion cup until 1923, so it behooves everyone to make a special effort to be present on April 13.

ROLLIN L. CHARLES,

Secretary.

24 South 7th Avenue,  
Bethlehem, Pa.

#### Class of 1908

Fellow Classmates:

The committee in charge of the reunion arrangements for 1918 has asked me to act as temporary Class Secretary to promote as large an attendance as possible at our tenth reunion, which will be held at South Bethlehem, Pa., on Commencement Day, Saturday, April 13.

Our programme of reunion events will be sent you in a circular letter in the very near future, and although conditions will perhaps prevent our tenth reunion being of the type our class has been famous for in the past, nevertheless, we hope to make it a

memorable event for all who can possibly attend. A Committee on Arrangements is already preparing for the day and we have our lines out for the Reunion Cup donated by the Class of 1891.

It would materially assist your secretary if any members of the class, who are reasonably certain of being in attendance on April 13, would advise him of this fact immediately.

It has been rumored that our class treasury still holds a sufficient balance to enable us to avoid the war tax on the reunion banquet this year. This fact in itself should promote a large attendance. You remember how hard it was to pay your class dues ten years ago. Here's a chance to help spend the money, together with the large accumulated interest.

With best wishes to you all and hoping for a deluge of postal cards signifying your intention of being present on Alumni Day.

W. D. SANDERSON,

Secretary.

1201 Chamber of Commerce,  
Buffalo, N. Y.

#### Class of 1909

February 12, 1918.

Classmates of 1909:

Because of the change in the Class Reunion schedule to conform to the Dix plan, the nearest approach to a ten-year reunion possible for us is that scheduled for Saturday, April 13.

Most of us are putting every effort we can muster into the country's cause. I know some of our boys are preparing for the front—others who are serving in industries producing supplies needed for the maintenance of Army and Navy—others are producing food stuffs on farms and factories. Probably our fellows are all directly or indirectly connected with this vast machine organized to handle the country's requirements in prosecuting this world conflict to a successful and just conclusion.

Each of us would no doubt be interested in the part you are playing in this great organized effort. What would be more pleasing than a Saturday evening somewhere in Bethlehem under influences such as stimulate

social intercourse? It is only for a few hours, so come back and give the cobwebs a chance to blow away.

We are expecting a turnout which will win the honor of having our class numerals engraved on the reunion cup donated by the Class of 1891 at its twenty-fifth reunion.

The Committee on Arrangements is of the following personnel:

David Petty, Chairman, 34 North Eighth Avenue, Bethlehem, Pa.

Walter R. Morris, 326 Wyandotte Street, Bethlehem, South Side, Pa.

Raymond M. Wolfe, Shoemakersville, Pa.

Wilburt R. Walters, 410 Ashbourne Road, Elkins Park, Pa.

Any questions regarding details of the reunion or suggestions you can offer will be gladly handled by the Committee.

Will you be good enough to advise the Committee by Tuesday, April 9, whether you will be back? If you fail to or cannot advise so far ahead of time, come anyway if you can.

Yours,

A. BELLIS.

#### Class of 1916.

As a majority of our class officers are in the service, it falls to me as Vice-President to call together the class of 1916 for their first reunion. With 70 men in the Army and Navy and the rest of us hustling hard in the various productive lines, there seems, at first glance, little chance for us to win the reunion cup.

Some of our men who are in the service, however, expect to get back and it behooves the rest of us to make every possible sacrifice to be present on April 13.

As it is our first reunion, the Secretary of the Alumni Association, Walter R. Okeson, has agreed to aid us in every way to make our arrangements. In order that he may know what steps to take I will ask every '16 man who feels there is a possibility of being present on April 13 to communicate with him at once.

DONALD C. BREWSTER,

Vice-President.

87 Christopher Street,  
Montclair, N. J.

### LEHIGH'S ATTITUDE IN RELATION TO THE WAR

Mr. Okeson's report shows that Lehigh in proportion to its number of alumni and students has furnished a large contingent for active war service. So far as this has been drawn from the student-body, it has been the result of spontaneous movement and action by the men enlisting or of the operation of the selective service regulations. The University authorities have felt that their duty lay in impressing on the students the views urged by President Wilson, by the Secretary of War, and by the Chief of Engineers, to the effect that students should pursue and complete their college work, to the end that the country may not lack an adequate supply of trained men. We believe that Lehigh's duty is the educational one of training men thoroughly to render efficient service, not to act as a recruiting depot to send out immature men for service that others can as well, or better render. The experience of England, Canada, and our own country shows that trained college-bred men are in the main, the ones who win to leadership, and certainly in the case of students pursuing courses in engineering it is highly important that their training should be well and thoroughly carried out, before they attempt to offer their services. The Government has recognized this in the order recently made providing for the furloughing back to their college work, of men studying engineering, who elect to enlist in the Engineer Corps, provided that in the opinion of the Faculty, evidenced by the affidavit of the president of the institution, men so endorsed by the Faculty "may be regarded fairly as deserving a place, qualitatively, in the first third of the young men who have graduated from the institution during the past ten years." Such endorsement may be given to a student in any of the four classes. So far eighteen men have been certified from Lehigh and have been accepted.

The results of the semi-annual examinations were a source of great satisfaction. It had been feared that the psychological effect of the war

agitation, its unrest and excitement, would tend to disorganize study, but the close of the examinations showed better results than have been attained in a number of years past, indicating an increase of serious-minded attention and responsibility on the part of our students.

Several of the teaching force have entered the army or navy and Prof. J. W. Richards has, from the beginning of the war, given valuable technical service of a high character as a member of the Naval Consulting Board.

At the request of the federal authorities we have arranged to give a special radio course in the second term Senior class—which Professor Esty found he could accept in place of other regular work.

The course in "Ship Construction and Ocean Transportation," which Professor McKibben instituted this year and personally gave during the first term, has received flattering recognition in that Professor McKibben has been invited by the Government to visit all the leading technical schools of the country and urge upon the students the importance of supporting the Government's shipbuilding work this summer by enlisting in it. To the end that our undergraduate students may be available for this and other war-work, the Faculty, with the cordial assent of the student-body, eliminated all holidays during the second term, and arranged to close the work of the three lower classes on May 15, and to graduate the Seniors on April 13. This will be done with no letting-down of our standards in any degree or direction.

At the request of the Government authorities the University is arranging to institute during the summer months, beginning probably May 1, various vocational training courses for from 250 to 300 men to be sent here for such training. Members of the teaching force have volunteered for this work, and the University is arranging to lodge and board the men detailed here for instruction.

A voluntary corps of students was formed last year for military drill, under the supervision of the Depart-



ment of Physical Education, and under the direct command of a student, now a Senior, a former attendant at a military school, and a member of the National Guard—a competent man. I have reason to know that in a number of instances, men taken from the student-body by the Selective Draft have, by reason of the knowledge of drill and the handling of arms, given by attendance on these exercises, attained appointments as non-commissioned officers when enrolled at Camp. Compulsory military exercise comprising the entire student-body has not as yet been instituted, as the understanding of the University with the War Department is that it is advisable to defer this until the Department can detail an Army officer as Professor of Military Science and Tactics, which so far the Department has not been able to do owing to the need of all officers for active service.

Lehigh has a right to feel pride in that it is doing its duty in the present war, with a sober, steady intent to make the University's work and aid to the Government substantial and thorough, not emotional or spasmodic, and Lehigh has the further satisfaction of being recognized as the institution that led in the work of instituting and supporting the student Summer Military Training Camps, as a measure of preparedness, during the summers of 1913 and 1914, before the war broke out abroad, and again during the summers of 1915 and 1916, all this being before the joining of our country in the war brought home to our people at large the need of preparedness and our loss from insufficient attention in the past to preparedness; today Lehigh is on record by unanimous action of the student-body, as endorsing the program for Universal Compulsory Military Training for our young men, a measure full of promise for their physical and mental benefit and an assurance of safety and peace to our country,—a program in no sense savoring of militarism, or looking to the maintenance of a standing army, but one in accord with our American tradition of a citizenry trained to arms and ready and able to defend our country if attacked. HENRY S. DRINKER.

#### PROFESSOR KLEIN, DEAN OF THE FACULTY, DIED SUDDENLY

On Monday morning, February 11, the College was startled by the news of the sudden death of Professor Joseph Frederic Klein, Dean of the Faculty and head of the Department of Mechanical Engineering. Professor Klein had been in the best of health up to the day before his death, when he strained himself while attending to the furnace in his home, at 357 East Market Street, Bethlehem. No one thought it serious but it proved to be a heart strain and he succumbed suddenly at 9:30 o'clock, on Monday morning.

The funeral services were held in the University Chapel, on Wednesday afternoon, February 13, at 3:30 o'clock. Rt. Rev. Ethelbert Talbot, Bishop of the Bethlehem Diocese and Trustee of the University, together with the University Chaplain, Rev. S. N. Kent, and Dr. S. U. Mitman, of the Church of the Nativity, officiated at the services. There was a large attendance of Trustees, Faculty, Alumni and undergraduates, as well as many friends outside of college circles.

Professor Klein was the oldest member of the Faculty in point of service, having been Professor of Mechanical Engineering since 1881. He was of the group of teachers whose work placed Lehigh in the forefront of technical institutions in the United States and his reputation was nation-wide. H. G. French, Editor of the Journal of The American Society of Mechanical Engineers, says, "When I first became acquainted with the work of Professor Klein there were only he, Professor Thurston, Professor Lanza, and some few others who were at all prominent and their work was of tremendous assistance to the students of those days. Our present instructors are mighty fine men but there are a lot of them and they have specialized in their work. No single one can possibly exert the broad influence which Professor Klein had in the education of those who were at school twenty-five years ago." The older men can appreciate the full value and truth of this and in fact, for the men who were in college from 1881 to 1895, the passing of Professor Klein means a loss

that will come home keenly to each one, for he was the last of the old guard who headed the various departments in those days. How the younger men feel is aptly and ably expressed in the set of resolutions passed by the Mechanical Engineering Society of Lehigh: "To his 'boys,' as he delighted to call them, Professor Klein was more than a teacher; he was their friend and counselor, and always manifested a paternal interest in their welfare. Nothing pleased him so greatly as to be able to extend help when needed, and his interest was keenly maintained after a student's graduation."

Professor Edward H. Williams, Jr., a life-long friend, who went through Yale with him and became a member of Lehigh's Faculty within one month of Professor Klein's election, writes a beautiful tribute in which he says, "As a friend he welcomed you with both hands and there was nothing perfunctory with his smile. As a courteous gentleman he held your regard through differences of opinion. Like the mirror of Greek manhood he had clear eyes as well as a clear mind. As a teacher he exacted no more than he performed. His scholars recognized him as a man above text-books."

"In the fullness of mental development he arose and followed the messenger into that larger life, and to the enjoyment of that broader vision, which awaits those who cultivate their minds and not their bodies, and who walk with humbleness the path allotted to them."

"He will remain forever in our memory, and is thus one of the fortunate men—akin to the old immortals of the Greeks—who are exempt from the wasting and debilitating power of time."

Perhaps it is trite to say it, but Lehigh has suffered a great loss in Professor Klein's death and it behooves her to take thought deeply as to his successor, for he will not easily be replaced. It is certain she cannot afford to have such a man succeeded except by one of the highest qualifications. No consideration but the greatest good of the Mechanical Department and of Lehigh should be entertained for an instant in choosing the successor of this splendid "master" who has "slip-

ped his mantle of authority and gone from us."

Professor Klein was born in Paris, France, on October 10, 1849, and was 68 years old at the time of his death. He received his college education at the Sheffield Scientific School of Yale University, receiving the degree of Ph.B., in 1871, and the degree of D.E., in 1873. He was an instructor in Mechanical Engineering at Sheffield from 1877 to 1881. In 1881 he became Professor of Mechanical Engineering at Lehigh and had served continuously at Lehigh since that year. In 1887-1888 he served as Secretary of the Faculty, and since September 1, 1917, he had been Dean of the Faculty, in addition to his duties as head of the Department of Mechanical Engineering.

He was a life member of the American Institute of Mechanical Engineers and was a Charter member of Tau Beta Pi, the honorary engineering society at Lehigh. He was the author of "Mechanical Technology of Machine Construction," 1884; "Elements of Machine Design," 1889; "Tables of Coordinates for Laying Out Accurate Profiles of Gear Teeth," 1889; "Design of a High Speed Steam Engine," 1892, and "Physical Significance of Entropy," 1910. He was also the translator of Weisbach-Herman's, "Mechanics of Transmission Machinery," and Zeuner's, "Technical Thermodynamics."

Professor Klein is survived by his widow, Mrs. Ada Louise Warner Klein, whom he married December 30, 1897; one son, Professor Arthur W. Klein, of Lehigh University; one daughter, Mrs. Noel Cunningham, of Mt. Holly Springs, Pa., and three grandchildren.

Ralph M. Dravo, '89, Honorary Alumni Trustee, has been appointed Civilian Chief of the Pittsburgh District for the Production Section of the Ordnance Department. Major H. H. Scovil, '00, President of the Alumni Association, is military assistant to Dravo, so between them they run the district. Their office is at 802 First National Bank Building, Pittsburgh, Pa.

**INSPECTORS WANTED BY ORDNANCE DEPARTMENT****Need is Imperative for Civilian Inspectors.**

The following letter is self-explanatory. It is fortunate that the delay in publishing the BULLETIN, which it was intended to have ready for mailing on February 20, should have prevented getting this appeal by the Ordnance Department to the attention of Lehigh men at an earlier date. However, the closing order of Dr. Garfield made it impossible for our publishing company to get the work done sooner. A few names have been sent to Major L. H. VonDusen, but there must be many other Lehigh men with the proper qualifications who would be willing to serve. The positions to be filled are as follows:

Inspectors of Artillery Ammunitions.  
(Salary, \$1500 to \$2400 a year.)

Inspectors of Field Artillery Ammunition Steel.

(Salary, \$1500 to \$1800 a year.)

Inspectors of Powder and Explosives.

(Salary, \$1500 to \$2400 a year.)

Inspectors of Material for Small Arms.

(Salary, \$1500 to \$2400 a year.)

Inspectors of Material for Small Arms.

(Salary, \$1000 to \$1800 a year.)

Inspectors of Small Arms Ammunition.

(Salary, \$1500 to \$2400 a year.)

Assistant Inspectors of Cannon (Forging).

Assistant Inspectors of Cannon (Machinery).

(Salary, \$1200 to \$2400 a year.)

Assistant Metallurgical Chemists.

(Salary, \$1000 to \$1500 a year.)

In all cases the appointee may be assigned to positions carrying higher or lower salary, depending on his qualifications. Competitors will not have to report for examinations but will be rated on education and experience.

Send your names, you Lehigh men who are desirous of serving our country in any of the above capacities, stating which of the positions you are fitted to fill, and we will advise the Ordnance Department and they will

send you proper literature and application blanks.

War Department

Civilian Personnel Division  
Office of the Chief of Ordnance

1333 F Street, N. W.

Washington, Jan. 22, 1918.

Mr. Walter R. Okeson,  
Drown Memorial Hall,  
Lehigh University,  
South Bethlehem, Pa.

Sir:

1. Mr. N. M. Emery, Vice-President of Lehigh University, has referred this office to you for information or list of Alumni of Lehigh University, with whom we may communicate with reference to enlisting them as civilian employees in the Government service, particularly in the Ordnance Department.

2. I am directed by the Acting Chief of Ordnance to indicate to you our most urgent needs. These are for mechanical draftsmen and for mechanical engineers with varying degrees of experience, as inspectors in the several munition plants in various parts of the country. For your further information and guidance, I am enclosing herewith announcements for these several positions. If it is possible, we wish you to send us lists of your alumni qualified for this work and we will send the proper literature and application forms to them. As these positions are all in civilian employment they are under the jurisdiction of the Civil Service Commission and subject, of course, to its procedure. This latter, however, has been limited to a scrutiny of the applicant's education and experience. This constitutes the examination. Other information will be gladly sent you upon request.

3. This work will entail some time and thought on your part, but as a patriotic service I know you will be more than willing to do it. I wish to express the appreciation of the division for your co-operation.

Respectfully,

L. H. VON DUSEN,  
Captain Ordnance, R. C.

## American University Union in Europe

### Lehigh a Member through the Action of the Alumni Association

In November Lehigh University became a member of the American University Union in Europe, the Alumni Association having taken the necessary action towards securing membership. The Executive Committee authorized the expenditure of whatever was found necessary of Alumni funds to meet Lehigh's share of dues and assessments.

The American University Union in Europe was established "to meet the needs of American university and college men who are in Europe for military or other service in the cause of the Allies." The more specific purposes of the Union are thus stated in the constitution:

1. To provide at moderate cost a home with the privileges of a simple club for American college men and their friends passing through Paris or on furlough; the privileges to include information bureau, writing and newspaper room, library, dining room, bed rooms, baths, social features, opportunities for physical recreation, entertainments, medical advice, etc.

2. To provide a headquarters for the various bureaus already established in France by representative American universities, colleges, and technical schools.

3. To cooperate with these bureaus when established, and in their absence to aid institutions, parents, or friends, in securing information about college men in all forms of war service, reporting on casualties, visiting the sick and wounded, giving advice, serving as a means of communication with them, etc.

For its Paris headquarters the Union has leased the Royal Palace Hotel on the Place du Theatre Francais. This hotel is at the head of the Avenue de l'Opera and near the Louvre and Tuileries Gardens. It is within a block of the Palais Royal station of the "Metropolitain," the Paris Subway and accessible by all Avenue de l'Opera and Rue de Rivoli omnibuses. Built in 1911, it is thoroughly modern and while the main entrance is on Rue de Richelieu, the

building faces on three streets and is so constructed that every bed room is an outside room. It is plentifully supplied with baths and every room has running water. Through special arrangement with the municipal authorities the Union is allowed to supply hot water daily, instead of only twice a week, the usual war allowance. In leasing this hotel the previous management was retained to operate the hotel and restaurant, but the Union controls its exclusive use. Under the contract the prices of rooms and meals were reduced considerably and a fixed tariff established. No tips are allowed and to prevent the tipping nuisance a charge of 10 per cent. is made on every bill for the first week and 7 per cent. thereafter, this amount being distributed among the servants.

A special feature is the Reading Room and Library, where the leading American newspapers and magazines are regularly on file; also the college papers of most of the 90 American colleges which are affiliated with the Union. The Library was started by a gift of fifty books from Chapter IV of the Colonial Dames of America, supplemented by a similar gift from Mr. Lane, of the University of Virginia. Other gifts have since greatly increased its size.

Perhaps the most useful feature of the Union is the information bureau. But it must be realized that unless the college men take pains to register, this service will be greatly lessened. Therefore, Lehigh men (graduates, non-graduates and undergraduates), on reaching France, should write to the Union, giving their name, college, rank, branch of service and present address, also the name and address of nearest relation. Then the bureau will be able to properly register the Lehigh men who are in France and furnish information to their friends, and help to the men themselves should they require it. When in Paris on furlough every Lehigh soldier and in fact any Lehigh man who is in Paris in any form of war work, will have a residential club without dues. Be he

private or officer, he has here a headquarters where he will find comfort and good fellowship. Information and advice will be his for the asking! Should his friends or relations lose track of him, or knowing he is wounded, they are unable to get definite details, here is an immediate means of obtaining such information. The other day, at the French front two young Princeton undergraduate ambulance drivers were wounded. The bare news was immediately cabled their parents. Their anxiety was great and a cable was sent to Dr. Paul Van Dyke, member of the Executive Committee of the Union. Dr. Van Dyke jumped into a taxi, rode to the hospital where those boys had been taken, saw them and got a full report of their condition. Six hours later, before the patients had been in the hospital one day, the parents at home were in full possession of all the facts, cabled by the Princeton professor of history, brother of our recent Minister to Holland.

In addition to Dr. Van Dyke, who is Secretary, the other members of the Executive Committee in Paris are, George H. Nettleton, Yale, Chairman; Van Rennselaer Lansingh, M. I. T.; Lewis D. Crenshaw, Virginia; James H. Hyde, Harvard; Charles H. Vibbert, Michigan.

A number of the colleges have established, within the Union, bureaus for the special care of their own men. It may become necessary to establish such a bureau for Lehigh should the number of Lehigh men in France become large. At present, however, it does not seem necessary. If the boys will register and keep the Union properly advised of their whereabouts, the necessary attention can be given to each through the agency of the general staff of the Union.

### MECHANICAL DRAFTSMEN WANTED

#### Ordnance Department in Great Need of Civilian Assistants

The Ordnance Office of the War Department, in Washington, is in great need of a large number of mechanical draftsmen, and an exceptional opportunity for patriotic service is thereby

offered to Lehigh men. The War Department is not willing at this time to have drafted men assigned for drafting work in Washington, and the men secured for this service have so far been obtained through publicity methods and the efforts of civilian assistants who have been urging properly qualified men to come forward. Dyer Smith, M.E., '03, is aiding in this work and would like all the assistance possible from Lehigh men.

The type of men particularly needed may be defined as follows:

1. They should be graduates of technical schools of recognized standing, although this requirement will be waived if the applicant has had the equivalent of it.

2. They should have had one year's or more experience as a mechanical draftsman in the designing of heavy machinery, such as is built by the Niles-Bement-Pond Company, or any other heavy machine tool builder.

3. Lacking these requirements, men can be used who have had drafting room experience actually on the drawing board, except the usual run of topographical draftsmen, architectural draftsmen or steam fitter draftsmen.

4. There is a special demand for experienced gauge designers, familiar with the laying out and designing of gauges, used in the production of interchangeable parts or measuring instruments; men who are familiar with power plant layout; men who are familiar with the design of jigs and fixtures.

Applicants will be rated on the following subjects which will have the relative weights indicated:

	Weights.
1. General education.....	20
2. Technical training and experience .....	60
3. Practical tests rated on work submitted .....	20
Total .....	100

The pay is from \$1000 to \$1800 a year, depending upon their rating.

Draftsmen will be fully informed by applying to the Special Representative of the Ordnance Department, U. S. A., 79 Wall Street, New York City, either by mail or in person.

## IN THE OLD DAYS

Richard Harding Davis, '86, as a Freshman

The following letter, taken from "Adventures and Letters of Richard Harding Davis," will be of interest to all Lehigh men.

Bethlehem, February, 1882.

Dear Dad:

You may remember a conversation we had, at Squan, about hazing, in which you said it was a very blackguardly thing and a cowardly thing. I didn't agree with you, but when I saw how it really was and how silly and undignified it was, besides being brutal, I thought it over and changed my mind completely, agreeing with you in every respect. A large number of our class have been hazed, taking it as a good joke, and have been laughed at by the whole college. I talked to the boys about it, and said what I would do and so on, without much effect. Wednesday a junior came to me and told me I was to be hazed as I left the Opera House Friday night. After that a great many came to me and advised and warned me as to what I should do. I decided to get about fifty of our class outside and then fight it out; that was before, I changed my mind. As soon as I did I regretted it very much, but, as it turned out, the class didn't come, so I was alone, as I wished to be. You see I'd not a very good place here; the fellows looked on me as sort of special object of ridicule, on account of the hat and cane, walk, and so on, though I thought I'd got over that by this time. The Opera House was partly filled with college men, a large number of sophomores and a few upper class men. It was pretty generally known I was going to have a row, and that brought them as much as the show. Poor Ruff was in agony all day. He supposed I'd get into the fight, and he knew he'd get in, too, sooner or later. If he did he'd be held and not be able to do anything and then the next day be blamed by the whole college for interfering in a class matter. He hadn't any money to get into the show, and so wandered around outside in the rain in a great

deal more excited state than I was. Howe went all over town after putting on his old clothes, in case of personal damage, in search of freshmen who were at home out of the wet. As I left the building a man grabbed me by the arm, and the rest, with the seniors, gathered around; the only freshman present, who was half scared to death, clung as near to me as possible. I withdrew my arm and faced them. "If this means hazing," I said, "I'm not with you. There's not enough men here to haze me, but there's enough to thrash me, and I'd rather be thrashed than hazed." You see I wanted them to understand exactly how I looked at it, and they wouldn't think I was simply hotheaded and stubborn. I was very cool about it all. They broke in with all sorts of explanations; hazing was the last thing they had thought of. No, indeed, Davis, old fellow, you're mistaken. I told them if that was so, all right, I was going home. I saw several of my friends in the crowd waiting for me, but as I didn't want them to interfere, I said nothing, and they did not recognize me. When among the crowd of sophomores, the poor freshman made a last effort, he pulled me by the coat and begged me to come with him. I said no, I was going home. When I reached the next corner I stopped. "I gave you fair warning, keep off. I tell you I'll strike the first man, the first one, that touches me." Then the four who had been appointed to seize me jumped on me, and I only got one good blow in before they had me down in the gutter and were beating me on the face and head. I put my hands across my face, and so did not get any hard blows directly in the face. They slipped back a moment, and when I was ready I scrambled up, pretty wet and muddy, and with my face stinging where they had struck. It had all been done so quickly, and there was such a large crowd coming from the theatre, that, of course no one saw it. When I got up there was a circle all around me. They hadn't intended to go so far. The men, except those four men who had beaten me, were rather ashamed and wished they were out of it. I turned to Emmerich, a post-

graduate, and told him to give me room. "Now," I said, "You're not able to haze me, and I can't thrash twelve of you, but I'll fight any one man you bring out." I asked for the man that struck me, and named another, but there was no response. The upper classmen who had just arrived, called out that was fair, and they'd see it fair. Goodnough, Purnell and Douglas, who didn't like me much, either. Ruff was beside me by this time. He hadn't seen anything of it, and did not get there until he heard me calling for a fair chance and challenging the class for a man. I called out again, the second time, and still no one came, so I took occasion to let them know why I had done as I did in a short speech to the crowd. I said I was a peaceable fellow, thought hazing silly, and as I never intended to haze myself, I didn't intend any one to haze me. Then I said again, "This is the third time, will one of your men fight this fair. I can't fight twelve of you." Just then two officers who had called on some mill-hands, who are always dying for a fight, and a citizen to help them, burst into the crowd of students, shouldering them around like sheep until they got to me, when one of them put his arm around me, and said, "I don't know anything about this crowd, but I'll see you're protected, sir. I'll give 'em fair play." One officer got hold of Ruff and pretty near shook him to pieces until I had to interfere and explain. They were for forming a body-guard and were loud in their denunciations of the college, and declaring they'd see me through if I was a stranger to 'em.

Two or three of the sophomores, when they saw how things were going, set up a yell, but Griffin struck out and sent one of them flying one way and his hat another, so the yells ended. Howe and Murray Stuart took me up to their rooms, and Ruff went for beefsteak for my eye, and treated the crowd who had come to the rescue, at Dixon's, to beer. The next day was Saturday, and there was to be a meeting of the Athletic Association, of course, I wanted to show up. The fellows all looked at my eye pretty hard and said nothing. I felt pretty

sure that the sympathy was all with me.

Four men are elected from the college to be on the athletic committee. They can be nominated by any one, though generally it is done by a man in their own class. We had agreed the day before to vote for Tolman for our class, so when the president announced nominations were in order for the freshman class Tolman was instantly nominated. At the same time one of the leading sophomores jumped up and nominated Mr. Davis, and a number of men from the same class seconded it. I knew every one in the college knew of what had happened, and especially the sophomores, so I was, of course, very much surprised. I looked unconscious, though, and waited. One of the seniors asked that the nominees should stand up, as they didn't know their names, only their faces. As each man rose he was hissed and groaned down again. When I stood up the sophomores burst into a yell and clapped and stamped, yelling, "Davis! Davis! vote for D!" until I sat down. As I had already decided to nominate Tolman, I withdrew my name from the nominees, a movement which was received by loud cries of "No! No!" from the sophs. So, you see, Dad, I did as you said, as I thought was right, and came out well indeed. You see, I am now the hero of the hour, every one in town knows it, and every one congratulates me, and, "Well done, me boy," as Morrow, '83, said, seems to be the idea, one gets taken care of in this world if you do what's the right thing, if it is only a street fight. In fact, as one of the seniors said, I've made five friends where I had one before. The sophs are ashamed and sorry, as their conduct in chapel, which was more marked than I made it, shows. I've nothing to show for it but a red mark under the eye, and so it is the best thing that could possibly have happened. Poor Ruff hugged me all the way home, and I've started out well in a good way, I think, though not a very logical one.

Uncle says to tell you that my conduct has his approval throughout.

DICK.

**OFFICIAL DIRECTORY ALUMNI ASSOCIATION LEHIGH UNIVERSITY, INC.**

President: Major Henry H. Scovil, 802 First Nat. Bank Bldg., Pittsburgh, Pa.  
 Vice-President: Fred A. Daboll, 605 Finance Building, Philadelphia, Pa.  
 Vice-President: Henry D. Wilson, 2 Ross Street, Pittsburgh, Pa.  
 Treasurer: Barry H. Jones, 745 Delaware Avenue, South Bethlehem, Pa.  
 Secretary: Walter R. Okeson, Drown Memorial Hall, South Bethlehem, Pa.  
 Archivist: Preston A. Lambert, 215 South Centre Street, Bethlehem, Pa.

**Honorary Alumni Trustees**

Schuyler B. Knox, 29 Broadway, New York, N. Y.  
 Ralph M. Dravo, Diamond National Bank Building, Pittsburgh, Pa.  
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 H. S. Miner, '88.  
 Taylor Allderdice, '83, '(Hon.) '17.  
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**Bulletin Publication Committee**  
(See Page 1.)**Alumni Day Committee**

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 George C. Beck, '03.  
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**Secretaries Reunion Classes 1918**

1869  
 S. P. Sadtler, 3804 Locust Street, Philadelphia, Pa.  
 1870  
 Dr. Henry R. Price, 435 Clinton Avenue, Brooklyn, N. Y.  
 1871  
 Dr. Henry S. Drinker, South Bethlehem, Pa.  
 1887  
 Frank S. Smith, 226 E. Market Street, Bethlehem, Pa.  
 1888  
 Harlan S. Miner, Gloucester City, N. J.  
 1889  
 W. C. Cornelius, McKeesport, Pa.  
 1890  
 H. A. Foering, 741 W. Broad Street, Bethlehem, Pa.  
 1906  
 Charles F. Gilmore, 665 Spruce Street, Williamsport, Pa.  
 1907  
 Prof. Rollin L. Charles, 24 S. 7th Avenue, Bethlehem, Pa.  
 1908  
 W. D. Sanderson, 1201 Chamber of Commerce Bldg., Buffalo, N. Y.  
 1909  
 Alfred P. S. Bellis, 535 Tyler St., Trenton, N. J.  
 1916  
 Donald C. Brewster, 87 Christopher Street, Montclair, N. J.

**Secretaries Local Alumni Clubs**

Chicago Lehigh Club, H. W. Kern, '92, Secretary, 179 West Washington Street, Chicago, Ill.  
 Detroit Lehigh Club, F. U. Kennedy, '07, Secretary, care of McClintic-Marshall Co., Detroit, Mich.  
 Intermountain Lehigh Club, H. L. Baldwin, '07, Secretary, 606 Deseret News Bldg., Salt Lake City, Utah.  
 Lehigh Club of Central Pennsylvania, P. L. Grubb, '02, Secretary, 417 Briggs Street, Harrisburg, Pa.  
 Lehigh Club of China, Yen Te Ching, '01, President, Wuchang, China.  
 Lehigh Club of Cuba, E. Beato, '08, Secretary, 76 Paseo de Marti, Havana, Cuba.  
 Lehigh Club of New England, H. H. Davis, '92, Secretary, 24 Milk Street, Boston, Mass.  
 Lehigh Club of Northern New York, C. L. Moffatt, Secretary, 218 Glenwood Boulevard, Schenectady, N. Y.  
 Lehigh Club of Western New York, W. D. Sanderson, 1201 Chamber of Commerce Bldg., Buffalo, N. Y.  
 Lehigh Home Club, S. T. Harleman, '04, Secretary, Bethlehem, Pa.  
 Maryland Lehigh Club, F. E. Rasmers, '11, Secretary, 3201 Presbury Street, Baltimore, Md.  
 New York Lehigh Club, E. S. Colling, '12, Secretary, care of Vacuum Oil Co., 65 Broadway, New York, N. Y.  
 Northeast Pennsylvania Lehigh Club, H. H. Otto, '12, Secretary, 76 Sullivan Street, Wilkes-Barre, Pa.  
 Philadelphia Lehigh Club, Moriz Bernstein, '86, Secretary, 2130 Estaugh Street, Philadelphia, Pa.  
 Pittsburgh Lehigh Club, George M. Baker, '07, Secretary, General Electric Co., Oliver Bldg., Pittsburgh, Pa.  
 Southern Anthracite Lehigh Club, A. W. Wright, '03, Secretary, Eastern Steel Co., Pottsville, Pa.  
 Southern Lehigh Club, Ellwood Johnson, Jr., '07, Secretary, 300 Municipal Bldg., Washington, D. C.  
 Southwestern Lehigh Club, F. P. Lawrence, '10, Secretary, care of Southwestern Telephone and Telegraph Co., St. Louis, Mo.



## Editor's Page

May I have your attention for "one little minute." As Editor and as Secretary of the Alumni Association I want to talk to you. I have had eight months experience in this work and am beginning to realize its difficulties and visualize its possibilities. So far I have always been such a distance behind in my work that I could barely glimpse its flying coat-tails, and that only when I spurted. I have tried working nights and Sundays but it didn't help much, for the more you work at this kind of a job, the more its possibilities open up and your imagination adds work far faster than your hands and mind can do it. Also, the 5000 members of the Association are beginning to realize that here is an office pledged to aid them in any way possible and each month the requests for information or assistance increase. This is as it should be and as we want it. But it becomes increasingly clear that some of the detail work that has been keeping us busy must be curtailed. We are planning, during the coming Summer, to put things into such shape that when another collegiate year opens, the Secretary's time will be available for more constructive planning and work, and not be occupied so much with detail. But there is one phase of the work that takes an enormous amount of time which I cannot see how to eliminate. And that is the collection of the money necessary to carry out our plans. Of course if we were willing to canvass a few men for funds, enough could be raised without much time or effort, but your present Secretary does not intend to devote his time to this job on any basis except the support of at least 2000 Lehigh men, each contributing his dues and his enthusiastic aid. And contributing not because of any hope for a personal return but from pure love for and loyalty to Lehigh. At present this number is about 1300 and much of the Secretary's time must necessarily be devoted to increasing the active membership. Soliciting men to pay dues from which one's own salary is paid is naturally an unpleasant occupation and one that no man can be expected to long continue.

Now, how is this burden of unpleasant and unwelcome solicitation to be lifted from the shoulders of the present and the future secretaries? Necessarily by some permanent form of financing. Our by-laws provide such a form in the fund from Life Memberships. In return for a payment of \$100, a member is relieved of all dues, and the Association, by putting the funds realized in a permanent investment, receives yearly a stable income. It is proposed to make a "drive" during the coming Spring for Life Members. We are asking every man who intends investing in the coming Liberty Loan to reduce his allotment by \$100 and take out a Life Membership in the Alumni Association. We will invest his \$100 in a Liberty Loan Bond, so that the Country will receive the benefit of the total sum he intended loaning it. Or if he prefers, let him buy the bond himself and turn it in to the Association. A number of members have agreed to take Life Memberships and we hope to start the nucleus of a permanent fund by a \$10,000 investment in the coming Liberty Loan. With continued effort this should grow in a few years to \$100,000, the income of which, added to the dues of the men who are not in a position to invest a lump sum of \$100, will support the work of the Association and give the Secretary his whole time for constructive effort. Also the fund is one which will give the Association financial stability. It will enable it, should our boys at the front need aid, and the immediate funds of the Association be inadequate for their assistance, to borrow temporarily on the bonds whatever is necessary for the relief of their needs. Finally it will be a fund which, as the Association grows in membership and income, will eventually become available, should the Association so vote, as an endowment fund for some University need.

Just bear in mind that a payment of \$100 by any man, whether he has been previously an active member or not, will make him a Life Member, cancelling all assessments of annual dues. Are there a hundred Lehigh men willing to aid in starting this fund? How many answers will I get to this open Letter?

## SUMMARY OF SERVICE RECORD

Tabulation showing Commissioned Officers, Non-coms, and Privates or Seamen

CLASS	Commissioned Officers	In Training for Commissions	Privates or Seamen	Non-Coms or Warrant Officers	No Information	Total
1875	1	..	..	..	..	1
1876	1	..	..	..	..	1
1877	1	..	..	..	..	1
1878	1	..	..	..	..	1
1882	1	..	..	..	..	1
1885	2	..	..	..	..	2
1886	1	..	..	..	..	1
1887	1	..	..	..	..	1
1888	3	..	..	..	..	3
1889	3	..	..	..	..	3
1890	..	..	..	1	..	1
1891	2	..	..	..	..	2
1892	3	..	..	..	..	3
1893	1	..	..	..	..	1
1894	7	..	..	..	..	7
1895	5	1	..	..	..	6
1896	5	1	..	..	2	8
1897	6	..	..	..	..	6
1898	6	..	..	..	..	6
1899	2	..	..	..	..	2
1900	6	..	..	..	..	6
1901	2	..	..	..	..	2
1902	2	..	..	..	..	2
1903	5	..	..	..	2	7
1904	6	..	..	..	..	6
1905	11	..	..	..	1	12
1906	9	..	..	..	..	9
1907	13	2	..	..	3	18
1908	9	1	..	2	5	17
1909	16	2	..	..	2	20
1910	12	..	2	1	2	17
1911	13	4	5	..	2	24
1912	21	7	4	1	2	35
1913	15	3	6	1	3	28
1914	20	10	12	3	4	49
1915	25	8	14	2	4	53
1916	22	9	18	15	6	79
1917	26	19	36	15	8	104
1918	11	14	34	13	6	78
1919	4	11	48	5	2	70
1920	5	8	29	7	2	51
1921	..	..	7	..	..	7
Totals	305	100	215	66	56	742

NOTE.—As much of our information is not up to date, there are doubtless many men included in the column "Privates or Seamen" who are now non-commissioned or commissioned officers. Help us to bring our records up to date by correcting any errors you find in our list, and especially send us records of promotion.

## ON THE FIRING LINE.

When we published our Honor Roll, consisting of 350 names, in the November BULLETIN, we intended in the future issues to merely publish changes and additions. The list has grown, however, to over 700 names and so many men on the old list have been promoted and changed to other branches of service that we have decided to publish a complete list. Undoubtedly there are many inaccuracies as many men have not filled out and returned the service blanks. We have carefully noted these men and in the copy of the BULLETIN to be sent to each one of them we will enclose our WAR RECORD form and earnestly request that they fill it out and return it to us at once.

New men are going into the service every day and our list is a constantly growing one. It can only be made complete and accurate if you, who are reading this, will aid us in the work by notifying us of omissions or mistakes that you find in looking it over. Especially we ask each man as he goes into the service to notify us, giving us in each case a permanent home address where mail can be sent with a certainty of reaching him. You will find in this issue a complete tabulation showing the number of men from each class who are in the service, with columns showing the proportion of officers, non-coms and privates. It is of special interest to note that more than half of our men in the service are commissioned officers or in training for commissions.

### LEHIGH'S ROLL OF HONOR

#### Class of 1875

Biddle, Clement A., Medical Inspector, U. S. N., Wilmington, Del.

#### Class of 1876

Getty, Robert N., Brigadier General, Nat. Army, Commanding 175th Brigade of Infantry, Camp Dodge, Iowa.

#### Class of 1877

French, W. E. P., Captain (retired), U. S. A.

#### Class of 1878

Byllesby, H. M., Major, Signal Corps, 136 K St., N. E. Washington, D. C.

#### Class of 1882

Caffrey, Willis G., Chief of Div., Volunteer Intelligence Corps, Western Dept., U. S. A., 70 Washington St., Reno, Nevada.

#### Class of 1885

Broadhead, J. Davis, Chf. of Div. of Banks and Trust Co.'s, Alien Enemy Property.

Jones Harry O., Captain, Ordnance Dept., stationed at Chalmers Plant, Maxwell Motor Co., Detroit, Mich.

#### Class of 1886

Junken, Charles A., Ordnance Expert, Coast Artillery Board, Fortress Monroe, Va.

#### Class of 1887

Bevan, E. L., Y. M. C. A. War-work, A. E. F., France.

#### Class of 1888

Ashmead, Percy H., Major, Engineers, U. S. R., care of Director General Military Railways, Washington, D. C.

Banks, Charles L., Lieutenant, M. R. C., Base Hospital, Division 77, Camp Upton, N. Y.

Miller, Charles H., Major, 23rd Engineers, Camp Meade, Md.

## Class of 1889

Lewis, Alfred E., Adjutant General's Office, care of War Dept., Washington, D. C.

Dravo, Ralph M., Civilian Chief of Pgh. Dist., Prod. Sect., Ord. Dept.

Stewart, James, Captain, Ordnance Dept., Officers Reserve, Frankford Arsenal, Philadelphia, Pa.

## Class of 1890

Ritchey, Frank W., Sergeant, Co. B, 21st Engineers, A. E. F., France.

## Class of 1891

Smith, M. C., Major, 9th Cavalry.

Coll, Charles J., Lieutenant, Chief Instructor, Royal School of Infantry, Div. Intell. Office, Halifax, Nova Scotia.

## Class of 1892

Case, George P., Div. Mgr., Flour Milling Div., U. S. Food Administration, 506 Metropolitan Life Bldg., Minneapolis, Minn.

Maccoun, William E., First Lieutenant, U. S. S. "Algonquin," care of Postmaster, N. Y.

Usina, M. N., Lieutenant, U. S. Revenue Cutter Service, Treasury Department, Washington, D. C.

## Class of 1893

Miller, James E., Captain, Corps of Engineers, U. S. R., A. E. F., France.

## Class of 1894

Adams, Henry N., Captain, O. R. C., Asst. to Engr., N. E. Dept., Boston, Mass.

Anderson, A. V., Captain, 12th Cavalry, care of War Dept., Washington, D. C.

Knight, Richard W., Advisory Engr. to U. S. Government on erection of buildings known as "our shops in France," care of Brig. Gen. L. & L.

Rogers, Base Quartermaster, A. E. F., France.

Ordway, Godwin, Major, Coast Artillery, Fort Howard, Md.

Ovenshine, Englebert G., Captain, 1st Infantry, Schofield Barracks, Hawaii, T. H.

Pettit, William V., First Lieutenant, 7th Royal Engrs. Killed June 27, 1916, near Perrone, France.

Shepherd, George E., Captain, 1st Battalion Staff, 308th Engrs., Camp Sherman, O.

## Class of 1895

Bosbyshell, William L., Private, "D" Battery, 108th F. A., 28th Div., Camp Hancock, Augusta, Ga.

Cooke, Morris L., The Storage Committee, War Industries Board, 5218 New Interior Bldg., Washington, D. C.

Davis, Paul B., Co. 3, E. R. O. Training Camp, Camp Lee, Va.

Hopkins, William, Major, U. S. Marine Corps, Cape Haytien, Hayti.

Ovenshine, Alexander F., Lieutenant Colonel, Infantry, Fort Slocum, N. Y.

Pettis, Edward A., Chief Statistician Gun Div., Productive Section, Ordnance Dept., Washington, D. C.

## Class of 1896

Baldwin, H. D., E. R. O. C.

Conley, Edgar T., Lieutenant Colonel, 37th Infantry.

Rodney, George B., Captain, care of War Dept., Washington, D. C.

Sesser, John C., A. E. F., France.

Thurston, Edward C., American Red Cross, 5 Rue Francois Ier, Paris, France.

Taylor, Edward S., First Lieutenant, 28th Infantry, care of War Department, Washington, D. C.

Tidball, William, Captain, Coast Artillery, care of Adjutant General, War Department, Washington, D. C.

Thomas, J. W., Branch unknown.

**Class of 1897**

Allen, A. R., Major, 314th U. S. Infantry, Camp Meade, Md.  
Clinton, Thomas M., Major, U. S. Marine Corps, Pearl Harbor, Hawaii, T. H.  
Elliott, Stuart R., Major 28th Engineers, U. S. R., Camp Meade, Md.  
Johnson, Harry S., Major, Ord. R. C., Supply Div., U. S. A., 1330 F St. N. W.,  
Washington, D. C.  
Morison, Charles R. W., Captain, 6th Infantry, U. S. A., El Paso, Texas.  
Megraw, W. A., U. S. Navy, Bureau of Yards and Docks.

**Class of 1898**

Barnard, Clarence, First Lieutenant, Motor Sec., Ord. Dept., U. S. R., Rock  
Island Arsenal, Ill.  
Soleliac, Louis J., First Lieutenant, 12th Infantry, U. S. A.  
Thurston, W. W., Captain, F. A., 35th Div., N. A., Camp Doniphan, Fort Sill,  
Okla.  
Webster, Charles E., Second Lieutenant, U. S. Ambulance, A. E. F., France.  
Wilbur, Harry P., Captain, Coast Artillery Corps, U. S. A., Fort Preble, Me.  
Wood, T. B., Second Lieutenant, Quartermasters Dept., care of Div. Q. M.  
Detachment, Infantry, National Army, Camp Meade, Md.

**Class of 1899**

Converse, Bernard T., Major, Ordnance Dept., Watervleit Arsenal, Water-  
vlelt, N. Y.  
Knight, Harry E., Lieutenant Colonel, Infantry, National Army, Camp  
Zachary Taylor, Ky.

**Class of 1900**

Canfield, David H., Captain, Engr. Section, U. S. R., Co. No. 2, E. R. O. T. C.,  
Camp Lee, Va.  
Greene, Herbert T., First Lieutenant, Aviation Sect., O. R. C., Kelly Field  
No. 1, San Antonio, Texas.  
Lull, C. E. T., Captain, 45th Co., C. A. C., Fort Grant, Canal Zone, Panama.  
Ross, James G., Captain, 306th Regt. Engrs., Camp Jackson, Colombia, S. C.  
Seovil, Henry H., Major, Ord. O. R., in Production Section, Carriage Division,  
6th and B Streets N. W., Washington, D. C.  
Warner, R. A., Asst. Surgeon, U. S. N., Navy Yard, Brooklyn, N. Y.

**Class of 1901**

Barba, Charles E., Supt. 9.5" Howitzer Shop, Watertown Arsenal, Water-  
town, N. Y.  
Rogers, William R., Second Lieutenant, 1st Co., 315th Regt., Camp Meade,  
Md.

**Class of 1902**

Shonk, J. J., Captain, Co. D., 149th Div., M. G. Bn., Rainbow Div., A. E. F.,  
France.  
Simons, J. A., Captain, Headquarters 26th Div., A. E. F., France.

**Class of 1903**

Curtis, Chauncey S., Naval Reserves.  
Degener, Paul A., U. S. Signal Corps.  
Heck, Nicholas H., Lieutenant, U. S. N. R. F., Naval Experiment Station, New  
London, Conn.  
Ruggles, Colden L. H., Colonel, Ord. Dept., Sandy Hook Proving Grounds,  
Fort Hancock, N. J.  
Thompson, Marcellus H., First Lieutenant, C. A. C., Fort Washington, Md.  
Townsend, William A., Captain, Ordnance Reserve Corps, 130th Ordnance  
Depot Co., Camp Beauregard, La.  
Tunstall, William P., Captain, C. A. C., O. R. C., Fort McKinley, Portland,  
Me.

**Class of 1904**

- Baily, George, Major, 308th Engineers, Camp Sherman, Chillicothe, O.  
 Bell, Warren R., Captain C. A. C.  
 McCormick, Harry E., First Lieutenant, Co. B, 167th Infantry, 42nd Div.,  
 A. E. F., France.  
 Strauss, Robert W., Second Lieutenant, U. S. R.  
 Taylor, Edward G., First Lieutenant, 4th Inf., U. S. A., Galveston, Texas,  
 care of War Dept., Washington, D. C.  
 Underwood, Jesse W., First Lieutenant, 306th Engrs., Camp Jackson,  
 Columbia, S. C.

**Class of 1905**

- Church, H. A., Engineers Corps.  
 Corsa, Dean, Captain, Co. D, 512th Engrs., S. Bn., Camp Pike, Ark.  
 Dent, John A., First Lieutenant, Ordnance Department.  
 Estes, William L., First Lieutenant, M. O. R. C., Reports to Fort Oglethorpe,  
 Ga., March 1, 1918.  
 Harrower, Rexford A., American Red Cross, Sec. 11, Paris, France.  
 Hewit, Benj. H., Captain, 316th Inf., Camp Meade, Md.  
 Kautz, Ray C., First Lieutenant, Engr. Depot Detachment, Camp Jackson,  
 Columbia, S. C.  
 Sands, Alfred L. P., Captain, 19th F. A., Fort San Houston, Texas.  
 Tschappat, William H., Lieutenant Colonel, Ord. Dept., Prof. U. S. Military  
 Academy, West Point, N. Y.  
 Wolfe, James H., Major Judge Advocate, N. G. Utah.  
 Woodbury, Edward N., Captain, Coast Artillery, Fort Oglethorpe, Kan.  
 Miller, L. O., Depot Quartermaster, Philadelphia, Pa.

**Class of 1906**

- Buttler, Bruce B., First Lieutenant, U. S. R., care of War Dept., Washington,  
 D. C.  
 Cottrell, Joseph F., First Lieutenant, C. A. C., Fort Howard, Baltimore, Md.  
 Edmondson, Ralph S., First Lieutenant, E. R. C., A Co., 27th Engrs., Camp  
 Meade, Md.  
 Farley, Marcus M., Asst. Engr. of Construction (civilian capacity) under  
 Major O. K. Myers, Construction Quartermaster, Camp Upton, N. Y.  
 Greene, Augustine E., Major, Ordnance O. R. C., 131 Canner St., New Haven,  
 Conn.  
 Hall, Julius R., First Lieutenant, E. R. C., 515 Service Bn., Fort Taylor, Ky.  
 Herman, Paul H., Captain, Heavy (Railway) Artillery, A. E. F., France.  
 Mercader, Leopoldo, Captain, Porto Rico Regt., U. S. A., San Juan, Porto  
 Rico.  
 Torrey, Philip H., Major, U. S. Marine Corps, Marine Barracks, Quantico, Va.

**Class of 1907**

- Bachman, Charles L., First Lieutenant, 509th Bn., E. O. R., Camp Travis,  
 Texas.  
 Broadhead, James A., Y. M. C. A. Director, Bldg. No. 75, Camp Hancock, Ga.  
 Browne, deCourcy, Captain, Ordnance Dept., Heavy Railway Artillery,  
 A. E. F., France.  
 Carlock, John B., Captain, 30th Engrs., "Gas and Flame," Camp American  
 University, Washington, D. C.  
 Crawford, William W., First Lieutenant, Co. No. No. 3, E. O. R. T. C., Camp  
 Lee, Petersburg, Va.  
 Galliher, Joseph H., Captain, Camp Quartermaster, Camp Hancock, Augusta,  
 Ga.  
 Gross, Charles Aug., 2nd Training Brigade, Line 17, Kelly Field No. 3, South  
 San Antonio, Texas.

Hurst, Fred. G., Co. No. 6, E. R. O. T. C., Camp Lee, Va.  
Jacobosky, Gilbert G., Captain, Battery F, 109th F. A., Camp Hancock, Augusta, Ga.  
McDevitt, James E., Lieutenant, Aviation Section Signal Corps, U. S. School Military Aeronautics, Cambridge, Mass.  
Robinson, George H., First Lieutenant, Medical Officers R. C., 24th Field Ambulance, A. E. F., France.  
Rowe, John T., Captain, Heavy Artillery (Railway), A. E. F., France.  
Schnabel, Truman G., First Lieutenant, Medical O. R. C., Base Hospital, Camp Sevier, Greenville, S. C.  
Stocker, Delmar H., First Lieutenant, D. R. C., 5th Bn., 20th Engrs., A. E. F., France.  
Tilghman, Samuel H., Captain, C. A. C., care of Adjutant General, Washington, D. C.  
Underhill, H. C., Branch unknown.  
Waddill, Joseph T., First Lieutenant, 106th Engrs., Camp Sevier, Greenville, S. C.  
Wheeler, Ira B., Fortress Monroe, Va.

#### Class of 1908

Baer, Carl A., Captain, Provisional Searchlight Det., Washington Barracks, D. C.  
Bell, Russell D., Lieutenant, U. S. R., Battery A, 351st F. A., Camp Meade, Md.  
Brothers, George R., First Lieutenant, Carriage Div., Inspection Sect., Ord. Dept., 1800 E Street N. W., Washington, D. C.  
Brown, Alfred C., with Signal Corps, France.  
Dorsey, J. W., R. O. T. C., Fort Snelling, Minn.  
Eshleman, S. Kendrick, First Lieutenant, Inspection Sect., Gun Div., Army Ord. Dept.  
Finnie, Haldeman, First Lieutenant, 338th Infantry, Camp Custer, Mich.  
Gressitt, John L., Sergeant, Co. A, 21st Engrs., Camp Grant, Rockford, Ill.  
Janeway, L. W., First Lieutenant, Engineers. (Resigned or Discharged.)  
Kotz, Theodore F., Sergeant, Med. Corps, 146th Ambulance Co., Camp Sheridan, Montgomery, Ala.  
Langstroth, C. B., enlisted.  
Leilich, Frank T., First Lieutenant, Engr. Corps, Engineer Depot, Washington Barracks, D. C.  
Olcott, E. R., Field Artillery, U. S. A.  
Peters, E. W., Engineers, A. E. F., France.  
Rhea, Robert, Aviation Service.  
Torrey, Daniel H., Second Lieutenant, 23rd Infantry, U. S. R., care of War Dept., Washington, D. C.  
Van Vleck, A. N., Captain, C. A. C., Fort Washington, Md.

#### Class of 1909

Ahrens, Benneville K., 2nd Div., 2nd Sect., U. S. S. "Kansas," care of New York Postmaster.  
Antonsanti, Louis, Second Officers Training Camp, Infantry Barracks, San Juan, Porto Rico.  
Bakewell, Gifford C., Captain, 33rd Engineers, Camp Devens, Ayer, Mass.  
Baker, Joseph Edw., Captain.  
Banks, William F., First Lieutenant, Construction Officer, Hazelhurst Field, Mineola, Long Island, N. Y.  
Brodhead, Frederick M., 101st Regt., U. S. Engrs.  
Cosgrove, P. B., U. S. A., Fort K. G. Wright, N. Y.  
Desh, Robert J., First Lieutenant, 54th Co., 14th Training Bn., 155th Depot Brig., Camp Lee, Va.

Fleming, Samuel W., Captain of Infantry (315th), Camp Meade, Md.  
 Fraim, Parke B., Second Lieutenant, Ordnance Dept., Washington, D. C.  
 Hagenbuch, Charles C., First Lieutenant, 340th F. A., Camp Funston, Kan.  
 Hamilton, Frank W., Captain, 304th Engineers, Camp Meade, Md.  
 Hopkins, Samuel R., Major, 322nd F. A., 83rd Div., Camp Sherman, Chillicothe, O.  
 Luckie, John B., First Lieutenant, 312th Infantry, Camp Meade, Md.  
 Riedel, Walter A., Ensign, U. S. N., U. S. S. "Hannibal."  
 Schealer, Samuel R., Lieutenant, Junior grade, U. S. Naval Academy, Annapolis, Md.  
 Speirs, Garrett DeF., First Lieutenant, F. A., Camp Lee, Petersburg, Va.  
 Taylor, Lloyd C., First Lieutenant, 312th F. A., Camp Meade, Md.  
 Thornburg, Chesley C., Applicant for Commission, C. E. Dept., U. S. N.  
 Torrey, Richard H., First Lieutenant, Aviation Sect., Signal Corps, 136th Aero Squadron, Love Field, Dallas, Texas.

#### Class of 1910

Baker, George H., A. E. F., France.  
 Broadbent, William W., Private, Co. G, 23rd Engrs., Camp Meade, Md.  
 Burrell, Maynard C., Ensign, U. S. N., Paymaster's Dept., Washington, D. C.  
 Downs, Charles L., First Lieutenant, Ordnance Dept., Inspection Sec., Carriage Div., 6th & B Sts., Washington, D. C.  
 Dunning, Leighton, Captain, U. S. A. (Branch unknown.)  
 Fitzharris, Joseph C., First Lieutenant, Camp Meade, Md.  
 Johnson, Paul K., First Lieutenant, Infantry, Manila, P. I.  
 Kenney, Caleb S., First Lieutenant, 305th Engrs., Camp Lee, Va.  
 Little, Duncan M., Private, 310th F. A., Camp Meade, Md.  
 More, R. P., National Army, Camp Meade, Md.  
 Murnane, George F., American Red Cross, Washington, D. C.  
 Poole, Charles H., First Lieutenant, Co. C, 37th Div., 112th Engrs., Camp Sheridan, Ala.  
 Smith, Earle C., First Lieutenant, Ordnance Dept., O. R. C., Sandy Hook Proving Grounds, N. J.  
 Smith, James M., First Lieutenant, 304th Engrs., Camp Meade, Md.  
 Street, R. R., Branch unknown.  
 Warner, Edward A., Jr., First Lieutenant, Co. E, 103rd Engrs., Camp Hancock, Augusta, Ga.  
 Woerwag, Carl A., First Lieutenant, Ordnance Sec., O. R. Co., care of Inspector, Bethlehem Steel Co., Bethlehem, Pa.

#### Class of 1911

Blair, George E., Ensign, Naval Reserve Flying Corps, Aero Ord., care of Bureau of Ordnance, Washington, D. C.  
 Baumgartner, E. F., Branch unknown.  
 Bley, John M., 2nd Co., 310th Machine Gun Bn., Camp Meade, Md.  
 Conway, George, 27th Engineers, Camp Meade, Md.  
 Corddry, William H., 1st Co., Maryland Coast Art., Fort Howard, Baltimore, Md.  
 Crawford, Robert F., First Lieutenant, Gen. Engr. Depot, 1419 F St., Washington, D. C.  
 Davies, Thomas R., First Lieutenant, Ordnance, Ord. Bldg., 1800 E St., N. W., Washington, D. C.  
 Fatzinger, Robert L., Captain, Co. C, 316th Infantry, Camp Meade, Md.  
 Fisher, Archie W., Second Lieutenant, Artillery, A. E. F., France.  
 Ford, E. Kay, U. S. Signal Corps, Aviation Sec., Barracks No. 1, U. S. Aero School, Champaign, Ill.  
 Hunt, A. Ellis, First Lieutenant, Ord. Dept., 1800 Virginia Ave., Washington, D. C. (Promoted to Captain Jan. 21, 1918.)  
 Hoffman, Phillip H., Aviation Section, Signal Corps, A. E. F., France.



Jannus, Roger W., First Class Private, Aviation Sec., Signal Corps, Selfridge Field, Mt. Clemens, Mich.  
Kaminski, Harold, Ensign, U. S. N. R. F., Georgetown, S. C.  
Kempsmith, Ralph W., First Lieutenant, O. R. C., Inspection Sec., Carriage Div., care of Dodge Bros. Plant, Detroit, Mich.  
Kiesel, John S., First Lieutenant, Engr. Reserve, 21st Regt., Co. "C," Camp Grant, Rockford, Ill.  
Quin, Herbert T., Corporal, 109th F. A., Camp Hancock, Ga. (Attending Artillery Training Camp.)  
Rasmers, Franz E., First Lieutenant, 106th Engrs., Camp Wheeler, Macon, Ga.  
Schwarzwaelder, Christian A., Second Lieutenant, Co. G, 56th Infantry, Chickamauga Park, Ga.  
Shaw, Archibald R., Yeoman, New York Navy Yard, Brooklyn, N. Y.  
Stair, Jacob, jr., Lieutenant (J. G.), Naval Reserve Force, U. S. S. "Arkansas," care of Postmaster, New York, N. Y.  
Thornburg, Chester C., Applicant for Commission, C. E. Dept., U. S. Navy.  
Wear, Ario, Camp Meade, Md.  
Woods, Robert H., Captain, C. A. R. C., Instructor in Gunnery, Fortress Monroe, Va.

#### Class of 1912

Allen, William K., 1st Battery, 4th Prov. Regt., R. O. T. C., Fort Niagara, N. Y.  
Bacon, J. E., First Lieutenant, U. S. A. Sanitary Corps, Fort Leavenworth, Kan.  
Besson, Lynford S., First Lieutenant, Field Hospital No. 363, Co. C, Lewis Branch, Tacoma, Wash.  
Caffall, Geoffrey A., Sapper, Canadian Engrs., Engrs. Training Depot, St. Johns, Quebec, Can.  
Carroll, J. Marshall, Naval Reserve, Newport, R. I.  
Cooper, H. L., Co. No. 3 E, R. O. T. Camp, Camp Lee, Petersburg, Va.  
Davis, Frank W., Branch unknown.  
Franklin, Curtis T., Enlisted in British Army.  
Hartley, Burton, Officers Reserve Corps.  
Hesser, A. A., R. O. T. C., Camp Lee, Va.  
Hill, Lyman F., Struct. Engr., Navy Dept., 1350 Monroe St., Washington, D.C.  
Jenkins, James M., Co. No. 6, E. R. O. T. C., Camp Lee, Va.  
Jerman, Daniel T., First Lieutenant, Co. C, 2nd Engrs., A. E. F., France.  
Jones, Russell W., Q. M. C., Ice Plant Co. No. 301, Camp Merritt, N. J.  
Lazarus, William E., Second Lieut., Aviation Sec., Signal O. R. C.  
Loane, Charles E., jr., Captain, Co. L, 316th Infantry, N. A., Camp Meade, Md.  
McCoy, John G., First Lieutenant, Ordnance, 2021 Hillyer Place, Washington, D. C.  
Over, Raymond W., 5th Training Co., C. A. C., Fortress Monroe, Va.  
Patch, A. M., jr., Captain, 18th Infantry, A. E. F., France.  
Price, John M., Captain, Ordnance, Production Sec., Carriage Div., 6th & B Sts., Washington, D. C.  
Rice, John L., First Lieutenant, 12th Cavalry, Corozal, Canal Zone, Panama.  
Sieger, George N., Constructing Oxy-Hydro Plant, France.  
Snyder, Charles S., Sergeant, Co. C, 23rd Engrs., Washington Barracks, D. C.  
Speed, Frederick R., First Lieutenant, A. E. F., Aero Const. Div., 56th Squadron.  
Sultzter, Morton, First Lieutenant, Signal Corps, Co. C, 303rd F. Sig. Bn., Camp Dix, N. J.  
Streiby, Wilfred J., First Lieutenant, Coast Artillery, A. E. F., France.  
Stone, William H., National Army.

Thompson, Basil M., Aviation.  
 Timpson, L. G. M., Aviation Section Signal Corps.  
 Wood, Donald B., First Lieutenant, Gen. Engr. Depot, Washington, D. C.  
 Whyte, Clifford R., First Lieutenant, Gen. Engr. Depot, Washington, D. C.  
 Williams, H. J., First Lieutenant, Ord. Dept., Carriage Div., F. A. Sec., Washington, D. C.  
 Williams, Ralph B., Second Lieutenant.  
 Wilson, William L., Co. No. 9, E. R. O. T. C., Camp Lee, Va.  
 Youry, Franklin W., Second Lieutenant, Artillery Reserve Corps.

#### Class of 1913

Bender, John H., First Lieutenant, Medical Corps.  
 Bryant, Thomas A., Second Lieutenant, Co. M, 306th Infantry, 77th Div., Camp Upton, N. Y.  
 Butler, Alexander W., Corporal, Ord. Dept., 613 G St., Washington, D. C.  
 Coleman, Thomas B., Private, Signal Corps, U. S. A., Aviation Sec. (Non-flying), Wilbur Wright Field, Fairfield, Ohio.  
 Douglas, Morris D., First Lieutenant, Ordnance Dept., Inspect. Sec., Gun Div.  
 Fritz, John M., Private, Co. C, 23rd Engrs., Washington Barracks, D. C.  
 Ford, Sydney W., Ensign, U. S. N., U. S. S. "Chattanooga," care of Postmaster, New York.  
 Gerhard, T. J., First Lieutenant, care of Gen. Supt. Army Transport Serv., Newport News, Va.  
 Haines, Henry S., 2nd, Naval Reserve.  
 Hadsall, Warren F., Second Lieutenant, U. S. Radio School, College Park, Md.  
 Hauser, John F., Second Lieutenant, Aero Div. Radio Signal Corps, 1710 Penn. Ave., Washington, D. C.  
 Hegeman, Alanson K., Battery D, F. A., Fort Douglass, Utah.  
 Janeway, Price W., Second Lieutenant, E. O. R. C., Camp American Univ., Washington, D. C.  
 Lamb, H. W., Lieutenant, E. R. O. C., Co. No. 9, E. R. O. T. C., Camp Lee, Va.  
 Mart, Leon T., Enlisted, Ordnance Base Depot, A. E. F., France.  
 McComas, W. E., Eng. Res. Corps.  
 Meredith, Ralph B., U. S. Ambulance Corps, Sec. 615, Camp Allentown, Pa.  
 More, James F., Private, Co. D, 318th Engrs., Vancouver Barracks, Wash.  
 Odom, William F., Captain, U. S. R. Ordnance Corps, Gun Div., General Control Section, 1645 Park Rd., N. W., Washington, D. C.  
 Price, Edward F., Aviation Sec. (Flying), Signal Reserve Corps.  
 Rafter, Case B., First Lieutenant, 3rd Engrs., Manila, P. I.  
 Rehfuess, W. C., U. S. Eng. Res. Corps, on Russian Railway Service  
 Rems, Raymond J., First Lieutenant, Ord. O. R. C., 1122 13th St., N. W., Washington, D. C.  
 Schmidt, William J., Co. C, 17th P. T. R., Plattsburg, N. Y.  
 Sahlin, Robert C., Captain, Co. 1, Ammunition Train No. 308, Camp Sherman, O.  
 Sheppard, James H., Second Lieutenant, Ordnance Dept., Asst. to Col. Williams, Chief Ord. Officer, A. E. F., France.  
 Weaver, Earle F., U. S. Radio School, College Park, Md.  
 Wheeler, Frank I., jr., Second Lieutenant, Infantry Reserve Corps.

#### Class of 1914

Baldwin, Howard D., Infantry, R. O. T. C., Fort Niagara, N. Y.  
 Bejl, William G., Naval Reserves.  
 Bianco, Fred, 1st Battery, Officers Training Camp, Camp Lewis, Wash.  
 Brinton, Charles P., Private, Co. L, 23rd Engrs., Camp Meade, Md.  
 Brooke, William C., Second Lieutenant, Regular Regt. Engrs.

- Browne, William R., First Sergeant, Co. 1, 106th Engrs., Camp Wheeler, Macon, Ga.
- Chaffe, John, American Ambulance—on inactive duty at present.
- Cooper, Alfred C., Aviation, A. E. F., France.
- Compton, Barnes, Branch unknown.
- Dayton, Roscoe B., Captain, Co. D, 30th Engrs., "Gas and Flame," Fort Myer, Va.
- Dobbins, John P., Corporal, Q. M. Detachment, Camp Travis, Texas.
- Drant, Reginald, Cadet, Royal Flying Corps, 80th C. T. S., Camp Everman, Fort Worth, Texas.
- Dunn, Romeyn S., Second Lieutenant, Engrs., Detached Service.
- Edwards, John B., 1st Co., 310th Machine Gun Bn., 79th Div., N. A., Camp Meade, Md.
- Elliott, Stephen, Captain, 109th Regt. F. A., School of Fire for F. A., Fort Sill, Okla.
- Frank, Irving, Sergeant, Ambulance Co. 111, Camp Hancock, Ga.
- Gifford, Richard H., First Lieutenant, C. E., U. S. Naval Training Station, Annapolis, Md.
- Gilroy, Robert W., Captain, Co. 19, 5th Bn., 153rd Depot Brigade, Inf., Camp Dix, New Jersey.
- Green, Leroy S., Aviation.
- Hadaway, Seymour, Captain, Q. M. Res. Corps., A. P. O. 717, A. E. F., France.
- Hartdegan, Carl, jr., Second Lieutenant.
- Hersh, Lewis E., Overseas Repair Sec., Gas Defense Service, A. E. F., France.
- Hettler, William M., Private, Battery A, 107th F. A., Camp Hancock, Augusta, Ga.
- Hohl, R. C., Private, Co. E, 103rd Engineers, Camp Hancock, Ga.
- Houghton, Rev. Percival, First Lieutenant, Chaplain Co. E, 103rd Regt. Engrs., 28th Div., U. S. A., Camp Hancock, Augusta, Ga.
- Huyett, Amos W., Private, Chemical Engrs., Fort Myer, Va.
- Johnson, Theo. Tyler, jr., First Class Private, Co. I, 107th Regt. Inf., 27th Div., Camp Wadsworth, Spartansburg, S. C.
- Lawall, Charles E., Naval Reserve, Flying Corps.
- Lawshe, Verner T., R. O. T. C.
- Lenker, Harold E., Sergeant, Co. C, 103rd Engrs., Camp Hancock, Augusta, Ga. (At present in Co. No. 6, E. R. O. T. C., Camp Lee, Va.)
- Leslie, Lee C., Naval Reserve, Philadelphia, Pa.
- Mickel, Robert E., Engineering Headquarters, Lines of Communication, A. E. F., France.
- Murphy, James E., Branch unknown.
- Neff, Russel M., Second Lieutenant, C. A. C., Fort Wadsworth, Staten Island, N. Y.
- Nusbaum, John W., Lieutenant, Camp Johnson, Youcon, Fla.
- Orr, Albert S., Battery A, 107th F. A., Camp Hancock, Augusta, Ga.
- Packard, Charles L., Second Lieutenant, E. O. R. C.
- Penniman, Charles F., Second Class Seaman, Naval Reserve, Coast Defenses, care of The Supervisor, U. S. N. R. Flying Corps, Bureau of Agri., Washington, D. C.
- Pettigrew, Charles W., Lieutenant, 1st Regt., Ohio F. A., Camp Sheridan, Montgomery, Ala.
- Pittenger, Benjamin R., Office of Chief of Ord., War Dept. (Seacoast Div.), 622 Lamont St., N. W., Washington, D. C.
- Robinson, T. H., Infantry, Camp Dix, New Jersey.
- Sanderson, Percy, Lieutenant, 304th Div. Trains, Camp Meade, Md.
- Seibert, Edward C., Asst. Civil Engr., U. S. N., Lieutenant (Junior Grade).
- Skinner, William H., 1st Co., 1st Plat., O. T. S., 79th Div., Camp Meade, Md.
- Snyder, Edward B., Sergeant, Battery A, 313th F. A., Camp Lee, Petersburg, Va. (At present in Co. No. 8, E. R. O. T. C., Camp Lee, Va.)

Sterner, William H., American Ambulance Serv., Camp Allentown, Pa.  
 Thornburg, Lewis, Asst. C. E., U. S. N., Lieutenant (Junior Grade)' Charles-  
 town Navy Yard, Boston, Mass.  
 Van Sickle, Karl G., Captain, 308th F. A., Camp Dix, New Jersey.  
 Zimmerman, Carl D., U. S. Aero School, Ithaca, N. Y.

#### Class of 1915

Baird, David L., Co. A, 104th Engrs., Camp McClellan, Anniston, Ala.  
 Baker, Francis H., Branch unknown.  
 Bennett, Joseph S., Co. No. 1, E. R. O. T. C., Camp Lee, Va.  
 Berg, Walter P., Second Lieutenant, 320th F. A., Camp Gordon, Atlanta, Ga.  
 Buck, Leonard J., Aviation Sec., Signal Corps, M. I. I. Ground School, Cam-  
 bridge, Mass.  
 Cahen, James P., Lieutenant Cavalry.  
 Clark, Jewell S., 26th Co., U. S. Marine Corps, Port Royal, S. C.  
 Collier, Robert B., Corporal, Battery A, 107th F. A., Camp Hancock,  
 Augusta, Ga.  
 Cranmer, Harold D., Branch unknown.  
 Davidson, Delozier, Cadet Naval Aviation Det., Pensacola, Fla.  
 Dunning, Horman, Branch unknown.  
 Delaney, T. J., Camp Jackson, Columbia, S. C.  
 Dickey, Walter C., Hospital Corps, U. S. Naval Hospital, Cape May, N. J.  
 Diven, Alexander S., 3rd, Bureau of Supplies, Shipping Dept., New York City.  
 Ennis, A. F., Lieutenant, Ord. Dept., Bldg. B, Westinghouse Works, Pitts-  
 burgh, Pa.  
 Eshbach, Ovid W., 3rd O. T. Camp, 3rd Co., Barracks AA30, 79th Div., Camp  
 Meade, Md.  
 Fairhurst, William, Captain, Co. A. 337th Inf., Camp Custer, Mich.  
 Geyer, Lynwood H., Second Lieutenant, Engrs. R. C., Co. D, 23rd Engrs.,  
 Camp Meade, Md.  
 Glass, Albert F., First Lieutenant, 107th Field Signal Bn., Camp MacArthur,  
 Texas.  
 Green, F. W., Second Lieutenant, Battery A, 107th F. A., Camp Hancock,  
 Augusta, Ga.  
 Heisler, S. E., Spec. Line 23, Kelly Field, San Antonio, Texas.  
 Hoban, George W., Captain, Co. H., 304th Infantry, Camp Devens, Ayer,  
 Mass.  
 Hoffman, Lloyd, First Lieutenant, O. R. C.  
 Hubbard, H. A., Battery B, 135th F. A., Camp Sheridan, Montgomery, Ala.  
 Hukill, George R., Second Lieutenant, 301st Engrs., Unassigned, A. E. F.,  
 France.  
 Hiss, J. B., Constructing Ice Plant, A. E. F., France.  
 Ingram, Wharton G., Captain, Cavalry, care of War Dept., Washington, D. C.  
 Jay, H. D., Second Lieutenant, Branch unknown.  
 Keith, Elisha B., Co. B, 102nd Military Police, Camp Wadsworth, Spartans-  
 burg, S. C.  
 Kutz, Erwin S., Private, Co. C, 310th Mach. Gun Bn., Camp Meade, Md.  
 Laird, Samuel W., Captain, Battery A, 107th F. A., Camp Hancock, Augusta,  
 Ga.  
 Lewis, William E., First Lieutenant, 149th Machine Gun Bn., 42nd Div.,  
 A. E. F., France.  
 Linke, George H., First class private, Instrument Squad, Battery F., 110th  
 Regt., 54th Brigade, Camp McClellan, Anniston, Ala.  
 Mathewson, N. F., Co. A, 102nd Field Signal Bn., Camp Wadsworth, Spartans-  
 burg, S. C.  
 Mayer, William C., O. T. C., Plattsburg, N. Y.  
 Mueller, J. A. C., in Ice Plant Co., A. E. F., France.

Neide, Wilson B., First Lieutenant, Unit 303, Q. M. C., National Army, 212 Wadman Courts, Washington, D. C.  
Petersen, D. M., Captain, Aviation Sec., Signal Corps, A. E. F., France.  
Sanborn, Robert P., Ensign, U. S. N., Naval Base Sec., Lewis, Del.  
Search, Hendrik M., Second Lieutenant, Battery A, 107th F. A., Camp Hancock, Ga.  
Shoemaker, H. G., First Lieutenant, Aviation Section, Signal Corps.  
Siebecker, Carl E., Aviation, A. E. F., France.  
Sieger, Charles M., Co. 9, Artillery, Fort Oglethorpe, Chattanooga, Tenn.  
Stem, Laury G., Base Hospital, Camp Meade, Md.  
Tanner, Charles W., Second Lieutenant, Engrs., Camp Sherman, O.  
Taylor, S. Paul, Medical Reserve Corps.  
Teepie, Percy M., Engineer in Army Service.  
Vitzthun, Harry L., First Lieutenant, Signal O. R. C., Radio Div., College Park, Md.  
Wagner, Carleton S., Aviation Sect., Signal Corps, U. S. Aero School, Princeton, N. J.  
Wilcox, Eugene, Jr., chief petty officer, U. S. Naval Reserve, U. S. Naval Station, 2427 Camp Street, New Orleans, La.  
Wood, Leroy H., Cadet, Royal Flying Corps, care of Longwood Home, Toronto, Can.  
Wood, Richard F., Second Lieutenant, E. O. R. C., Chief of Engineers Office, Washington, D. C.  
Wuchter, S. A., Second Lieutenant, C. A. C.

#### Class of 1916

Andrews, M. O., First class Radio Electrician, Naval Radio Station, Great Lakes, Ill.  
Baush, John R., Private, Regular Army, Co. M, 1st Army Hdq. Rgt., Camp Greene, N. C.  
Baker, Russell I., Aviation.  
Beattie, Thomas C., Second Lieutenant, 327th F. A., Camp Zachary Taylor, Louisville, Ky.  
Becker, Franklin N., Private, Co. I, 28th Engrs., Camp Meade, Md.  
Benson, Arthur F., Lieutenant, Coast Artillery.  
Bergstressor, H. F., Aviation Section (non-flying), Signal Corps, Kelly Field, San Antonio, Texas.  
Binkley, Owen H., M.D., First Lieutenant, M. R. C., care of Pittsburgh Hospital, Pittsburgh, Pa.  
Brown, D. H., Private, Co. F, Engrs., U. S. A., Canal Zone, Panama.  
Buell, A. L., American Expeditionary Forces, France.  
Burke, James M., U. S. Navy, Co. F, 6th Regt., Camp Perry, Great Lakes, Ill., School for Machinists.  
Cahall, William C., Second Lieutenant, 32nd Engrs., Camp Grant, Rockford, Ill.  
Cannon, W. A., Sergeant, Co. A, 319th Infantry, Camp Lee, Petersburg, Va.  
Carlson, O. L., U. S. Naval Hospital, Newport, R. I.  
Clarkson, I. H., Third O. T. Camp.  
Clare, Edwin A., Quartermaster, Naval Auxillary School, Municipal Terminal Bldg., New York City.  
Clement, E. J., Enlisted, Camp Devens, Ayer, Mass.  
Cope, Charles H., was Corporal in 107th F. A., sent to 3rd O. T. C.  
Downs, J. M., U. S. Navy.  
Ekstrand, Carl E., First Sergeant, Signal Corps, School of Military Aeronautics, Ithaca, N. Y.  
Eberhard, A. C., First Lieutenant, junior grade, C. E. Dept., U. S. N., Annapolis, Md.  
Fair, H. I., Col H, 101st Rgt., 51st Brig., 26th Div., A. E. F., France.

- Fisher, Joseph A., Jr., Battery D, 306th F. A., Camp Upton, N. Y.  
Forstall, Theo., Civilian Clerk, Q. M. C., care of Construction Quartermaster, Camp Upton, N. Y.  
Gough, J. Edwin, First Lieutenant, U. S. Infantry, 3rd Regt., Co. C, Eagle Pass, Texas.  
Goll, George H., Second Class Seaman, U. S. Naval Reserve, Sewell Point, Cape May, N. J.  
Gunn, Malcom B., First Lieutenant, Aviation Section Signal Corps, A. E. F., France.  
Hagenbuch, Jacob, Second Lieutenant, Co. B, 311th Machine Gun Bn., Camp Meade, Md.  
Hanway, Paul S., Lieutenant, U. S. M. C.  
Hoopes, Donelson W., 103rd Trench Motor Battery, Camp Hancock, Augusta, Ga.  
Johnston, Everett S., Quartermaster, 3rd Class, U. S. N. R.  
Keiser, Hubert D., Second Lieutenant, Q. M. C., N. A., Utilities Det., Camp Meade, Md.  
Kjelland, Casper M., Aviation Sec., Signal Corps.  
Knox, Herbert B., Jr., Second Lieutenant, Coast Artillery Corps, Regular Army.  
Kirkhuff, Ellison L., Columbus Barracks, Columbus, Ohio.  
Kresge, Miles W., Second Lieutenant, U. S. Artillery, A. E. F., France.  
Laedlein, R. A., First Lieutenant, Aviation Sec., Signal Corps, Campo d'Aviazione Sud, Foggia, Italy.  
Lambert, Kenneth A., Mechanic, 139th U. S. Aero Squadron, Camp Hicks, Fort Worth, Texas.  
Leslie, Herbert, Master Mechanic, U. S. S. McNeal, care of N. Y. Postmaster.  
Leoser, Thomas S., Private, Battery A, 107th F. A., Camp Hancock, Augusta, Ga.  
Mardaga, Louis, Ensign, U. S. N. R. F., Inspector of Ord., care Alloy Steel Forging Plant, Carnegie, Pa.  
Markle, Donald, Second Lieutenant, Ordnance Mobile Repair Shop, 4th Div., Reg. Army, Camp Greene, Charlotte, N. C.  
Miller, William B., Corporal, Co. D, 308th Engrs., Camp Sherman, Chillicothe, Ohio.  
Mudge, Louis G., Ambulance Driver, A. E. F., France.  
Patterson, Sardis L., Sergeant, Co. B, 311th Machine Gun Bn., Camp Meade, Md.  
Perry, Edward, Sergeant, Q. M. Dept., Motor Truch Co., No. 329, Camp Lee, Virginia.  
Powers, Frederick D., Chief Boatswains Mate, U. S. S. Whirlwind, S. P. 221, care of Postmaster, New York City.  
Quin, Robert D., Seaman, second class, U. S. S. Lawrence, Newport, R. I.  
Richardson, Charles O., Corporal, Co. B, 105th Machine Gun Bn., 27th Div., Camp Wadsworth, Spartansburg, S. C.  
Rust, Harry L., Aviation Sec., U. S. Aviation School, M. I. T., Cambridge, Mass.  
Ryder, Frederick W., First Battery, R. O. T. C., Fort Niagara, N. Y.  
Royall, Nelson, M., Aviation Corps. (Flying.)  
Sanford, Harold E., Sergeant, Field Hospital, Co. C, 316th Sanitary Train, Lewis Branch, Tacoma, Wash.  
Saunders, S. B., Branch unknown.  
Sawtelle, George E., Captain, U. S. R., 79th F. A., Camp Logan, Texas.  
Sexton, Donald S., Ensign, U. S. N., Submarine Base, New London, Conn.  
Shaw, Clifford W., Engineer Corps.  
Shay, Frederick W., Co. D, 14th Regt. Engrs. (Railway), A. E. F., France.  
Snyder, John A., Aviation Sec., Cadet Flying Squadron, Kelly Field No. 2, S. San Antonio, Texas.

Sutro, Paul W., U. S. A. A. C., Allentown, Pa.  
Swallow, Gerald, R. O. T. C.  
Talbot, Ethelbert, 2nd, Second Lieutenant, U. S. Marine Corps.  
Tall, Otis J., Jr., Assistant Paymaster (Ensign), Naval Reserve Force, Class 4, Gen. Service.  
Tierney, Edward M., Second Lieutenant, F. A., Fort Oglethorpe, Ga.  
Thorpe, Gerald, Aviation.  
Toulmin, Priestly, Jr., Second Lieutenant, 321st F. A., Headquarters Co., Camp Gordon, Ga.  
Wallis, Edmund C., Aviation Sec., S. O. R. C. (Flying), 1662 Hobart Street, Washington, D. C.  
Warren, Paul A., Private, Battery E, 303rd Engrs., Heavy F. A., 151st Brigade, Camp Devers, Ayer, Mass.  
Webb, Oscar E., Sergeant, Sanitary Corps.  
Wood, William M., Second Lieutenant, Ordnance Dept., N. A., Camp Meade, Md.

#### Class of 1917

Ayrault, John, Jr., 3rd Co., 1st Bn., 1st Regt., Marine Corps, League Island, Philadelphia, Pa.  
Bach, Adolph, Jr., Private, Headquarters Co., 152nd Brig., F. A., 77th Div., Camp Upton, N. Y.  
Barkley, W. O., Sergeant, Co. 1, Engr. O. R. T. C., Camp Lee, Petersburg, Va.  
Beard, Robert F., First Lieutenant, Infantry, Camp Jackson, Columbia, S. C.  
Beck, Wilbur A., Signal Corps, Officers T. C., Camp F. B. Morse, Leon Springs, Texas.  
Becker, Franklin N., Private, Co. A, 28th Engrs, Quarry Regt., Camp Meade, Md.  
Benscoter, Frank L., Second Lieutenant, Ord. Dept., F. A. Sec., Carriage Div., 1829-19th Street N. W., Washington, D. C.  
Borneman, W. A., Corporal, Co. A, 303rd Engineers, Camp Dix, N. J.  
Breen, Leonard J., Branch unknown.  
Brenton, Wolter, Field Gas Defense Serv., Sanitary Corps, U. S. A., Astoria, L. I.  
Brobst, David R., Second Lieutenant, Branch unknown.  
Brown, A. K., enlisted in Quartermasters Corps, Mechanical Engrs., at present in Co. D, 310th Inf., Camp Dix, N. J.  
Buxton, Edwin A., Ambulance Serv., Unit No. 579, Camp Allentown, Pa.  
Carlson, John A., Yeoman School No. 5, U. S. N. T. S., Newport, R. I.  
Carmichael, Elwood T., Ord. Dept., U. S. A., Proving Grounds, Aberdeen, Md.  
Chenoweth, Albert W., Private, Co. A, 310th Mach. Gun Bn., Camp Meade, Md.  
Colby, Richard L., Aviation.  
Conlin, Daniel A., passed examination for Balloon Observation, awaiting call.  
Connell, Aloysius F., Corporal, Battery B, 311th F. A., Camp Meade, Md.  
Crawford, George M., First Lieutenant, 3rd Foreign Det., Aviation Branch, Hempstead, L. I.  
Dawson, Lawrence A., Second class seaman, U. S. S. Messick, 5th Naval Dis., Norfolk, Va.  
Deyton, Harry C., First Class Private, 5th Battery, F. A. P. T. C., Plattsburg, N. Y.  
Derr, Brant S., Co. No. 3, E. R. O. T. C., Camp Lee, Va.  
Dosch, Doron, Corporal, Ord. Dept., U. S. Post Office No. 704, A. E. F., France.  
Drinker, Philip H., First Lieutenant, Aviation Sec., Research Dept., A. E. F., France.  
Edson, Lawrence D., Camp Hancock, Augusta, Ga.  
Fornwalt, Ralph H., Aviation.  
Franklin, Vernon L. K., enlisted in British Ahmy.  
Frobisher, J. E., First Lieutenant, 147th Aero Sq., Camp Hicks, Texas.

- Gangloff, Thomas W., National Army, Camp Meade, Md.  
Gilmore, Walter W., Ensign, Asst. Paymaster, care of Bireau Sand A., Navy Dept., Washington, D. C.  
Graham, Charles J., Cadet Officer, Aviation Section Signal Corps, Waco, Tex.  
Green, Francis J., Second Lieutenant, Q. M. C., N. A. Camp Lee, Petersburg, Va.  
Greer, Robert T., U. S. Naval Reserve, Norfolk, Va.  
Grossart, L. Phaon, Private, Ordnance Base Depot, 513 G Street, N. W., Washington, D. C.  
Griffith, Llewellyn M. B., Captain, Headquarters, 113th Regt. Engrs., Camp Shelby, Miss.  
Galler, Carl A., Aviation Sec. (Flying), Gerston Field, Lake Charles, La.  
Hagglund, Lorenzo F., 17th Co., 18th Prov. Training Regt., Plattsburg, N. Y.  
Hampton, Stanlee R., C. A. C., Fortress Monroe, Va.  
Hartman, William M., Ensign, Asst. Paymaster, U. S. N. Pay Officers School, Catholic University, Washington, D. C.  
\*Hayes, Joseph L., Private, 3rd Co., Aero Squadron, Fort Sill, Okla. Killed on Aviation Field, October 27, 1917.  
Henderson, George D., Second Lieutenant, Royal Engineers, B. E. F., France.  
Herman, William C., 2nd Casual Co., 2nd Regt., Motor Mech., Camp Hancock, Ga.  
Hogan, H. O., (Maryland Naval Militia.) U. S. S. Kenneth McNeal, Radio Room, care of Postmaster, N. Y.  
Herr, Lauriston B., 5th Training Co., C. A. C., Fortress Monroe, Va.  
Hooven, T. L., Naval Reserve.  
Hunter, Frank M., Branch unknown.  
Jenness, Eugene L., Ensign, U. S. N. R. F., 2nd Naval District, Newport, R. I.  
Johnson, H. F. W., Lafayette Escadrille (Pilot Aviator), France.  
Jones, Harry S., Lieutenant, Aviation Section Signal Corps, A. E. F., France.  
Judson, W. J., Private, Co. A, 312th Mach. Gun Bn., Camp Meade, Md.  
Justice, Philip S., Aviation Corps.  
Kantner, Howard E., Chief Mechanic, Battery C, 311th F. A., Camp Meade, Md.  
Keenan, Edward A., Sergeant, Sanitary Det., 306th Engrs., Camp Jackson, Columbia, S. C.  
Kinter, George, Sergeant, Co. F, 25th Engrs. (Camouflage), Amer. Univ., Washington, D. C.  
Kirkpatrick, Dixon H., Second Lieutenant, 304th Trains Headquarters and M. P., Camp Meade, Md.  
Kislovsky, Andrew, Junior Officer, 4th Bat., 8th Siberian Brig., Russian Army.  
Kurtz, John W., First Class Private, Co. B, 319th Div., Sec. K, Camp Sherman, Ohio.  
Langenheim, Albert H., 5th Battery, 1st F. A., R. O. T. C., Military Branch, Chattanooga, Tenn.  
Lee, John R., Corporal, Battery E, 303rd Regt. Heavy F. A., 151st Brigade, 76th Div., Camp Devens, Ayer, Mass.  
MacIsaac, Donald, Second Lieutenant, 11th Engrs., Co. E, Army P. O. 46, France.  
McKinley, George, Private, Sec. No. 60, U. S. A. A. C., Camp Allentown, Pa.  
Mack, Prowell S., Sergeant, Co. C, 316th Inf., care of U. S. Weather Bureau, Richmond, Va.  
Magee, Frank L., Private, 320th Field Sig. Bn., Camp Dodge, Des Moines, Ia.  
Morrison, John A., Royal Flying Corps, Canada.  
Morrison, Joseph W., American Ambulance Field Service, A. E. F., France.  
Moyer, Charles E., First Class Private, Sec. No. 540, U. S. A. A. C., Camp Allentown, Pa.  
Munger, James E., National Army, Camp Meade, Md.  
Neubert, Bedell M., Cadet Officer, 16th Foreign Det., Aviation Section Signal Corps, A. E. F., France.



Nichols, Russel M., Royal Flying Corps, Training in England.  
O'Brien, Leonard G., Second Lieutenant, 330th F. A., Camp Custer, Mich.  
Ostrom, Benjamin E., Second Lieutenant, Q. M. C., N. A., Camp Lee, Va.  
Pardee, Howard J., Sergeant, Co. A, 11th Engrs. (Railway), A. E. F., France.  
Pike, Vernon B., U. S. Radio School, College Park, Md.  
Pohl, Herman H., Branch unknown.  
Porter, Frederick M., Co. F, 19th Regt. Engrs. (Railway), A. E. F. France.  
Portz, Fred Evans, Private, Co. A, 23rd Engrs., Camp Meade, Md. Discharged December 20, 1917, heart trouble.  
Price, Henry S., First Lieutenant, Signal Corps, Co. B, 1st Field Bn., Camp Alfred Vail, N. J.  
Quist, Albert J., Sr., Lieutenant, 20th Regt. Infantry, Fort Douglas, Utah.  
Ralph, Thomas G., Naval Reserve, Flying Corps.  
Randolph, John H., Second Lieutenant, Asst. to Provost Marshal, Chattanooga, Tenn.  
Rau, Earl S., R. O. T. C.  
Repa, Michael, enlisted in Q. M. C., Mech. Engr., at present in Co. D, 310th Inf., Camp Dix, N. J.  
Ridgeway, Reuben L., Private, Co. L, 23rd Engrs., Camp Meade, Md.  
Robinson, Edward M., Second Lieutenant, Engrs. R. C., Gas and Flame Bn., care of Morgan Harges, 31 Boulevard Haussman, Paris, France.  
Richards, William A., Second Lieutenant, Engrs. O. R. C., American Univ., Washington, D. C.  
Ross, Ira G., Private, Med Det, 308th Regt. Engrs., Camp Sherman, Ohio.  
Schultz, William C., Naval Reserve, New London, Conn.  
Schwoyer, John B., Private, War Gas Investigation Work, Amer. Univ., Washington, D. C.  
See, Elmon B., Co. A, 303rd Regt. Engrs., Camp Dix, N. J.  
Sinclair, Carrol T., Private, Battery D, 112th F. A., Camp McClellan, Anniston, Ala.  
Smink, Frank E., Aviation Corps, Kelley Field, San Antonio, Texas.  
Smith, William B., U. S. Base Hospital No. 10, A. E. F., France.  
Snively, James M., Sergeant, Motor Truck Co. No. 2, 28th Div., Camp Hancock, Ga.  
Stacey, Henry H., First Class Private, Co. C, 102nd Am. Train, 27th Div., Wadsworth Branch, Spartansburg, S. C.  
Stotz, Norman I., Q. M. C., Camp Meigs, Washington, D. C.  
Von Mengerlinghausen, Anton, Aviation Sec. Sig. Corps, 3rd Prov. Regt., Kelly Field, Line "Z," San Antonio, Texas.  
Wentz, Jesse F., Second Lieutenant, Ord. Dept., N. A., Watervleit Arsenal, Watervleit, N. Y.  
Werner, Paul E., Branch unknown.  
Williams, Richard T., Naval Reserve, U. S. S. Ellen, New Haven, Conn.  
Wolfs, W. H., Second Lieutenant, Aviation Section (non-flying), A. E. F., France.  
Youry, William H. S., U. S. A. A. C., A. E. F., France.  
Zimmerman, John U., Corporal, Co. A, 29th Regt. Engrs., Topographic Int., A. E. F., France.  
Youcum, Gordon M., Aviation.

#### Class of 1918

Allan, Elwood M., Private, First Class Elect., Ordnance Corps, N. A., U. S. Arsenal, Watertown, Mass.  
Bowman, Vernon, Submarine Chaser No. 320, U. S. N.  
Breen, John Joseph, U. S. Military Academy, West Point, N. Y.  
Brucher, Adam, Jr., Sect. 84, U. S. A. A. C., Camp Allentown, Pa.  
Butz, Thomas F., was in Sect. 11, American Red Cross Ambulance, Paris, France.

- Campbell, Robert S., Second Lieutenant, Battery D, 311th F. A., Camp Meade, Md.
- Carroll, Lewis, Corporal, Q. M. C., Regular Army, Fort DuPont, Del.
- Chapman, L. N., Coast Artillery School, Fort Monroe, Va. (Course for Master Gunner's Rating.)
- Clarke, Sheldon V., First Lieutenant, Balloon Observer Det., Aviation Sect. Sig. Corps, A. E. F., France.
- Coleman, James H., U. S. A. A. C., Camp Allentown, Pa.
- Concilio, August, Sergeant, 56th Aero Squad., Signal Corps, Mineola, L. I.
- Davidson, Edward C., Jr., Private, 1st Co., M. P., 27th Div., U. S. A.
- Desmond, T. K., American Ambulance Field Service, France.
- Dodson, James L., 19th Co., Amer. Ord. Base Depot in France, Camp Jackson, S. C.
- Fenstermacher, Lloyd C., Med. Dept., Columbia Barracks, Columbia, Ohio.
- Gaston, William I., Seaman, Mine Force, Atlantic Fleet, U. S. S. Baltimore.
- Gilroy, Frederick A., Private, Co. B, 104th Mach. Gun Bn., Camp Wadsworth, S. C.
- Golding, H. F., Headquarters O. T. C., Co. D, 311th Inf., Camp Dix, N. J.
- Gross, James L., Coxswain, U. S. Patrol Force, State Pier, New London, Conn.
- Halstead, William T., passed examination for Aviation—awaiting call.
- Hallowell, Percy L., Camp Lee, Va.
- Holmes, Joseph A., Second Lieutenant, Battery E, 151st F. A., A. E. F., France.
- Hooper, Adrian E., Corporal, 2nd Co., N. J. C. A. C., Fort DuPont, Del.
- Igoe, Walter J., Enlisted.
- Jacob, James B., Aviation. Passed physical examination—awaiting call.
- Jennings, Clifford M., First Class Hospital Apprentice, 1st Naval Dist., Boston, Mass.
- Ketcham, Edward K., National Army, Camp Meade, Md.
- Kemmerer, Paul H., Co. 3, Coast Artillery of Portland, Ft. Williams, Me.
- Knight, Leroy F., Private, 1st Field Hospital, 27th Div., Camp Wadsworth, S. C.
- Kittle, Percy H., Second Lieutenant, 304th F. A., Camp Upton, N. Y.
- Krom, Frederick B., First Lieutenant, Aviation Sec. Signal Corps, Campa d'Aviazione Sud Foggia, Italy.
- Lambert, Robert S., Second Lieutenant, 4th Bn., 153rd Brig., Camp Dix, N. J.
- Lashells, Theodore B., Corporal, Co. E, 414 Tel. Bu., Signal Corps, 69th Regt., Armory, New York, N. Y.
- Latimer, John McC., Engineers Reserve.
- Lawton, Joseph, L., R. O. T. C., 8th Inf. Co., Fort Benj. Harrison, Indianapolis, Ind.
- Lewis, Arthur W., Sergeant, Q. M. C., Battery A., 107th F. A., Camp Hancock, Ga.
- Lasley, Marshall, First Lieutenant, Infantry, Chickamaugua Park, Ga.
- Linderman, Robert S., Ensign, U. S. S. Vigilant, S. P. 406, U. S. N. R. F.
- McCarthy, J. Donald, U. S. Marine Corps, U. S. S. Arizona, care of N. Y. Postmaster.
- McGalliard, David C., Enlisted. Applied for enrollment in School of Enlisted Specialists, Fort Monroe, Va.
- McLaughlin, Harry F., Corporal, Battery E, 110th F. A., Camp McClellan, Ala.
- McConnell, John, Medical Corps, Camp Johnston, Fla.
- McGrath, Philip L., Aviation Sect., Signal Corps.
- Maginness, William D., Aviation Sect., Signal Corps, M. I. T., Cambridge, Mass.
- Moench, John C., Battery B, 307th Field Artillery, Camp Dix, N. J.
- Mooers, Edgar A., Aviation Section Signal Corps.
- Nickum, William F., Corporal, 1st Co.'s Headquarters, 310th Regt., Camp Meade, Md.

Oswald, W. H., Branch unknown.  
 Peale, Rembrandt, Jr., Supply Sergeant, Co. B, 105th Mach. Gun Bn., 27th Div., 53rd Infantry, Camp Wadsworth, Spartansburg, S. C.  
 Pengelly, Thomas S., 311th F. A., National Army, Camp Meade, Md.  
 Perkins, John M., Second Lieutenant, 324th Regt., F. A. (Heavy), Camp Sherman, Ohio.  
 Perry, James DeW., First Lieutenant, Aviation Section Signal Corps, Aviation Field, Fort Sill, Okla.  
 Platt, John, Jr., Sergeant, U. S. A. A. C., SSU 16/634 Convois Auto, Par BCM, Paris, France.  
 Parrish, Calvin R., Second Training Co., C. A. C., Fort Monroe, Va.  
 Repko, Rudolph R., Naval Reserve, Probation Regt., Pelham Bay Park, N. Y.  
 Richards, Samuel S., Jr., Corporal, 311th F. A., Camp Meade, Md.  
 Ruff, Charles F., Private, Co. B, 103rd Engrs., Camp Hancock, Augusta, Ga.  
 Sanderson, Clarence M., Battery A, F. A., 1st Regt., Camp Edge, Sea Girt, N. J.  
 Saxman, Marcus S., U. S. A. A. C., Camp Allentown, Pa.  
 Schmich, John E., 435th Aero Squadron, A. E. F., France.  
 Shafer, Carl J., Navy.  
 Shartle, Harold F., was in Battery 3, R. O. T. Camp, Chattanooga, Tenn.  
 Shepherd, Henry, Second Lieutenant, Ordnance Dept., Supply Div., 6th and B Streets, Washington, D. C.  
 Skinner, Earl D., Co. E, 303rd Engrs., Camp Dix, N. J.  
 Sommers, Alexander C., Navy.  
 Spear, William P., Applied for Aviation Service.  
 Smith, Edward P., First Sergeant, Co. D, 149th Mach. Gun Bn., A. E. F., France.  
 Tachovsky, John P., A. E. F., France.  
 Taylor, Arthur N., Private, Sec. No. 34, U. S. A. A. C., Camp Allentown, Pa.  
 Thomas, Ralph P., Naval Reserve, New Haven, Conn.  
 Wait, Edgar F., Aviation Branch, Naval Reserve.  
 Walther, William M., 2nd F. A., Fort Niagara, N. Y.  
 Wear, Paul G., Private, Overseas Repair Sec., No. 1, Gas Defense Serv., Med. Dept., A. E. F., France.  
 Weber, Howard H., Corporal, 1st Div. Engrs. Train, A. E. F., France.  
 Welkel, John H., Operator, Merchant Marine Radio Serv., S. S. Santa Rita, Sun Co., Marcus Hook, Pa.  
 Weiss, John J. R., Cadet, Aviation Sec., School of Military Aeronautics, Austin, Texas.  
 Whitney, John R., Quartermasters' Reserve Corps.  
 Wolcott, Robert W., Aviation, U. S. N., Ground School, M. I. T., Cambridge, Mass.

#### Class of 1919

Atkin, Charles M., Cadet Officer, Aviation Section Signal Corps.  
 Barrett, Harold G., Naval Reserves, U. S. N., New London, Conn.  
 Bertolet, Edwin A., U. S. N. R. C., Nav. Aviation Det., 2-390 M. I. T., Cambridge, Mass.  
 Betts, Herbert P., Branch unknown.  
 Bevier, Kenneth M., Amer. Red Cross, B. C. M., Rue Pinel, Paris, France.  
 Bottomley, Bertham S., Private, 23rd Regt. Engrs. (Highway), Camp Meade, Md.  
 Bugbee, Alvin N., Amer. Red Cross, Sec. 63, France.  
 Burgess, George P., passed examination for aviation—awaiting call.  
 Claxton, Edmund, Naval Reserve.  
 Cohn, Ross A., American Ambulance Field Service, France.  
 Dixon, Lyman L., Chief Carpenters Mate, Naval Reserve, U. S. N. Ammunition Depot, Dover, N. J.

- Doyle, Harry B., First Lieutenant, Signal Corps, Air Service.  
Fegley, Claude A., Private, Headquarters Co., 2nd Division Ammunition Train, Regulars, Chickamauga Park, Ga.  
Feringa, Peter A., Private, Sanitary Det., 10th U. S. Inf., Camp Wadsworth, S. C.  
Fitzgerald, Gordon P., Cadet, Aviation Sec., U. S. School of Military Aeronautics, Cornell Univ., Ithaca, N. Y.  
Flory, Clyde R., Musician, U. S. Navy, Norfolk, Va.  
Fornwalt, R. H., Aviation Section (non-flying), 2nd Recruit Brigade, Kelly Field No. 1, San Antonio, Texas.  
Forstall, Alfred E., Q. M. C., U. S. Army, France.  
Gildersleeve, Gordon H., First Class Seaman, U. S. S. Emeline, care of N. Y. Postmaster.  
Gulick, Henry B., U. S. Naval Reserve.  
Grace, Albert P., Private, Co. C, 106th Mach. Gun Bn., Camp Wadsworth, S. C.  
Halliwell, Roger D., Amer. San. Sec. No. 9, French Army. Honorably Discharged, December 2, 1917.  
Harder, Frank K., Naval Reserve. U. S. S. Aloha, care of Postmaster, N. Y. City.  
Hardy, John F., Aviation Section, Signal Corps.  
Hayes, C. Ellis, Private, Med. Det., San. Corps, Gas Defense Service.  
Hazeltine, F. B., Q. M. C., Camp Meigs, B. No. 16, Washington, D. C.  
Hicks, Albert W., U. S. Naval Base Hospital No. 5, France.  
Howard, John M., Jr., 437th Det. of Engrs., Gen. Eng. Depot, 1516 U Street N. W., Washington, D. C.  
Huebner, James K. M., Second Lieutenant, Co. B., 107th Mach. Gun Bn., Camp Hancock, Ga.  
Hurley, Robert A., U. S. Radio School, Cambridge, Mass.  
Jennings, Ross S., 11th U. S. Engrs., France.  
Kirk, Herbert S., passed examination for aviation—awaiting call.  
Jones, George S., Marine Corps, Paris Island, S. C.  
Johnson, W. M., Ordnance Dept., Washington, D. C.  
Joyce, Temple N., Squadron B, Unit 1, Wright Branch, U. S. Flying School, Dayton, Ohio.  
Kennedy, James N., U. S. A. A. C., Camp Allentown, Pa.  
Knickerbocker, John C., Jr., Private, Ambulance Co. 12, 5th F. A., A. E. F., France.  
Knubel, John A., Naval Res., 1st Naval District, Cadet School, Cambridge, Mass.  
Lehr, Edward V., First Class Private, Battery B, 8th F. A., Camp Robinson, Wis.  
Lloyd, Grier, Corporal, Co. 13, 2nd Brig., Mach. Gun. Bn., 1st Div., A. E. F., France.  
McKinley, William B., Red Cross Ambulance, France. Injured. Invalided Home.  
Messersmith, Paul L., U. S. N., U. S. S. Surveyor, 5th Naval District, Norfolk, Va.  
Miller, Frank W., Co. H, 316th Inf., Camp Meade, Md.  
Nutter, Clyde H., Private, Aux. Remount Sta., No. 2, Fort San Houston, Tex.  
Oberrender, Graaf R., Aviation Section, Signal Corps.  
Peaty, Arthur F., U. S. Naval Reserve Force.  
Pursel, Harold R., Private, Co. E, 26th Regt. Engrs., A. E. F., France.  
Pursel, James R., Sergeant Major, 405th Tel. Bn., Signal Corps, Camp Lewis, Wash.  
Rogers, William A., Second Class Seaman, U. S. S. Minerva, S. P. 425, care of Postmaster, N. Y.  
Rohrer, Robert T., Sec. 14, U. S. A. A. C., Camp Allentown, Pa.

- Schaub, William O., Co. D, 149th Mach. Gun Bn., A. E. F., France.  
 Scheiden, Harry M., First Class Private, Q. M. C., 28th Div., Camp Hancock, Ga.  
 Schulz, William R., Marine Corps, Marine Barracks, Norfolk, Va.  
 Schley, John R., Naval Reserve.  
 Shimer, Jacob M., Sergeant, Co. D, 149th Mach Gun Bn., A. E. F., France.  
 Shipherd, John J., Det. Camp 11, N. R. T. C., Norfolk, Va.  
 Skillman, John M., Landsman Elect., U. S. Navy, Newport News, Va.  
 Stevens, Arthur C., Naval Reserve, Newport, R. I., care of Army and Navy Y. M. C. A.  
 Stotz, Edward, Electrical Class, Co. 4, U. S. Navy Yard, Brooklyn, N. Y.  
 Stroup, Horace C., Private, Co. G, 28th Inf., A. E. F., France.  
 Thomas, George C., 28th Div. Cavalry, Camp Hancock, Ga.  
 Thompson, James L., Commanding Sec. 65, French Ambulance, France.  
 Van Auken, Frank H., Naval Reserve.  
 Whigham, William, Jr., Naval Reserve.  
 Widmyer, John H., Second Class Seaman, detailed for radio instruction.  
 Willard, Bradford, National Army.  
 Winterhalter, William C., Jr., 28th Co., U. S. Navy, Air Station, Pensacola, Fla.  
 Yap, Alfred T. L., Intermediate Ord. Depot No. 1, U. S. P. O. 708, A. E. F., France.  
 Yates, Walter A., Second Lieutenant, Aviation Section (non-flying), Signal Corps.  
 Warner, W. R., 310th Inf., Camp Dix, N. J.

## Class of 1920

- Apgar, Daniel LeR., Aviation Sec., Signal Corps.  
 Bailey, Fred E., National Army.  
 Beach, Edward P., U. S. Naval Academy.  
 Bevan, Lathrop, Second Lieutenant, 154th Depot Brig., Infantry, Camp Meade, Md.  
 Bobbin, Raymond J., Private, Battery A, 107th F. A., Camp Hancock, Ga.  
 Boggs, Thomas R., Second Lieutenant, 314th Regt., Infantry, Camp Meade, Md.  
 Busck, Paul G., Battery A, 107th F. A., Camp Hancock, Ga.  
 Cory, Robert C., Amer. Red Cross, Italian Serv., 5 Rue Francois, Paris, France.  
 Clarke, Rush, U. S. Naval Reserve—accepted for Naval Flying Corps.  
 Dimmick, Raymond F., Co. D, 310th Inf., Camp Dix, N. J.  
 Doehler, Herbert H., Aviation Sec., Signal Corps, Mineola, L. I.  
 Downer, Eliphalt K., 13th Aero Squad., Signal Corps, A. E. F., France.  
 Finnegan, John C., U. S. Naval Reserve.  
 Goldberg, Solomon, 11th Co., 154th Brig., National Army, Camp Meade, Md.  
 Greene, Alfred E., Jr., Chief of Section, Co. No. 2, U. S. N., Naval Base, Lewes, Del.  
 Greenall, Charles H., Battery D, 107th F. A., Camp Hancock, Augusta, Ga.  
 Groman, Jas. R. W., Private, Regt. Infirmary, 19th F. A., Remount No. 2, San Antonio, Texas.  
 Harvey, Gardiner R., Canadian Royal Flying Corps.  
 Hoagland, John E., Sergeant, 308th F. A., Camp Dix, N. J.  
 Huffman, Francis M., First Class Private, Battery A, 107th F. A., Camp Hancock, Ga.  
 Hunton, William H., Engineers Reserve.  
 Humphrey, Leon D., Private, Ambulance Co. No. 10, Camp Baker, El Paso, Texas.  
 Hurley, John J., Aviation Section, Signal Corps.

- Jeffers, Charles W., Corporal, Battery A, 107th F. A., Camp Hancock, Augusta, Ga.  
 Johnson, Vernon E., Aviation, M. I. T., Cambridge, Mass.  
 LaZier, Lawrence W., A. E. F., France.  
 MacIsaac, Kenneth, U. S. Navy.  
 McCarthy, Raymond T., Corporal, Battery H, 6th Regt., Coast Artillery, A. E. F., France.  
 Macdonald, George R., accepted for Naval Aviation—awaiting call. New York.  
 Macdonald, George R., entered for Aviation.  
 McGrindle, N. J., Aviation Sec. Signal Corps, Line 116, Kelly Field No. 1, San Antonio, Texas.  
 Matthews, Charles M., First Sergeant, Troop A, Cavalry, D. of C., Washington, D. C.  
 Meissner, James W., Squad Leader, Co. C., 310th Mach. Gun Bn., Camp Meade, Md.  
 Miller, Russell G., First Class Private, U. S. A. A. C., Sec. 579, Camp Allentown, Pa.  
 Milson, Thomas H., Amer. Red Cross Ambulance, Sec. 63, France.  
 O'Neill, Ralph A., Cadet Officer, U. S. School of Military Aero., Princeton, N. J.  
 Philippides, John A., Corporal, 12th Co., 154th Depot Brig., Camp Meade, Md.  
 Raabe, Charles E., 1st N. Y. Coast Art., Fort Mott, N. J.  
 Roberts, Everett B., National Army.  
 Robnett, John D., Jr., Second Lieutenant, Battery B, 112th F. A., Camp McClellan, Ala.  
 Ross, Roland J., Second Lieutenant, 81st F. A., Fort Oglethorpe, Ga.  
 Sears, William O., Cavalry.  
 Sargeant, T. P., First Class Yeoman, U. S. N. R., Coast Inspection Dept., Staten Island Shipbuilding Co., Port Richmond, S. I.  
 Shipley, S. H., Second Lieutenant, Q. M. C.  
 Smith, Thomas C., Battery D, 109th F. A., Camp Hancock, Augusta, Ga.  
 Stemler, Harold Q., Musician, 17th F. A., Camp Robinson, Wis.  
 Tremaine, Edward G., 29th Div. Troops, Sea Girt, N. J.  
 Turano, Charles L., Branch unknown.  
 Wallace, William R., National Army.  
 Walton, Albert, Jr., Ambulance Driver, U. S. Base Hospital Unit No. 38, 2nd Regt. Armory, Philadelphia, Pa.  
 Waltz, William H., Co. A, 59th Inf., Gettysburg, Pa.

#### Class of 1921

- Alexander, G., Jr., Aviation Corps, Fort Slocum, N. Y.  
 Casewell, E. W., Enlisted.  
 DeLong, F. F., Truck Co. No. 3, Ammunition Train No. 103, 28th Div., Camp Hancock, Ga.  
 Hart, J. A., Aviation Sec., Signal Corps, Fort Kansas, Ky.  
 Fleisher, C. F., Electrician, First Class, U. S. N. Reserve.  
 Scott, W. H. E., Enlisted for Aviation. Went to Fort Slocum, Feb. 8, 1918.  
 Wood, H. S., Naval Reserve, Co. A, Wissahicken Barracks, Cape May, N. J.

#### INSTRUCTORS

(Lehigh graduates included with their classes)

- Butterfield, Thomas E., Captain, Coast Artillery, National Army, Fortress Monroe, Va.  
 Frear, Clyde L., Co. D, 310th Infantry, Camp Dix, N. J.  
 Hartzell, A. R., Medical Dept., Fort Slocum, N. Y.  
 Hunt, E., Co. D, 30th Engrs., Fort Myer, Va.  
 Rex, Barron P., U. S. Naval Training Station, Norfolk, Va.  
 Lehigh graduates: Bender, '12; Eshbach, '15; Fraim, '09; Schealer, '09, and Tunstall, '03.

## SIX MONTHS IN THE FRENCH ARMY

R. D. Halliwell, '19

When war was declared in April I was quietly pursuing my studies (Faculty censor please pass) on "old South Mountain," but June found me on a liner bound for France, headed for a driver's seat on an American Ambulance in the French Army. Frankly I admit that I was in a great hurry to get across for fear the war might end before I had a chance to see any of it. I felt there was a great chance of missing the whole show if I enlisted in the U. S. Army and spent a long period in training. Now, after a lapse of eight months, I am back in the "States," quite satisfied to enter our own army and feeling sure that I can spend six months or even a year in training and still see as much of France and war as I desire, and probably more.

The trip across was uneventful but mighty enjoyable as among the passengers were several hundred other college men, all on their way, as I was, to join the American Ambulance Field Service. Closed port-holes at night, darkened lights, instructions as to life preservers and boat drills, kept the thought of submarines uppermost in all minds, but the tension relaxed when we sighted the two great revolving lights which mark the entrance to the Gironde River, on which our port, Bordeaux, is situated. We took on a French pilot to guide us through the densely-mined entrance and steamed through an opening in the submarine protection net which stretches across the river, and then anchored for the night. With the morning tide we proceeded up the muddy river, passing a number of German freighters which had been sunk by their own crews in 1914. Only the rusty yellow stacks were visible. On the banks, the green foliage contrasted gratefully with the dull grey sea and sky which had greeted our eyes for many days past. In the fields were white clad figures with a large P. G. painted on their backs, who, we were told, were German prisoners (*prisonnier de guerre*). About noon we docked and the quai was swarming with more

German prisoners busily unloading the cargoes of various boats. Great quantities of wheat from South America were stored in piles that looked as large as the Pyramids. Mountains of condensed milk from the United States, stacks of wine casks, piles of every kind of food and munitions loaded the docks and wharves. As the boat train for Paris did not leave until that evening we had several hours to soak up the atmosphere, which even at that distance from the front, reeked of war.

We reached Paris the following morning and found it vastly different from what we had expected. Gone were the lights, laughter and gayety we associated in our minds with the hypnotic name of Paris. Instead, however, were other sights worth seeing. Soldiers of every allied army on leave on the pavements, great military motor trucks on the streets and an occasional airplane overhead kept our eyes and minds busy.

It was my good fortune to be in Paris when General Pershing arrived, and the very snap with which the French soldiers brought their rifles to the salute showed the change in the atmosphere his coming caused. The roar that greeted him when he stepped from his train and the ovation given him as he proceeded to his hotel on the Place de la Concorde was wonderful to hear. Everyone I talked to was enthusiastic about the arrival of our commander-in-chief, and when our first contingent of soldiers marched through the streets of Paris several weeks later the crowds went wild with joy over the thought that at last we were ready to do business. France will probably never publicly admit the dire need for our help which existed, but the Frenchman to whom I talked wasted no words in telling what a God-send to them were the supplies and troops we were and are sending. Later, at the front, I talked to the "poilus" who said that before the arrival of the American troops they felt they could not go through another winter as they—the best fighters the

world has ever seem—were worn out with the rigors of trench warfare. But the arrival of our boys put new heart into them and they went at their work with renewed spirit. But the questions ever were "How many of your troops are here?" and "How soon will they be in the trenches?"

After my enlistment in the French Army for a period of six months, I was sent to the front to join Section No. 9, of the Ambulance Service, in which a vacancy had occurred. Arriving in Toul about 7 o'clock in the evening I was met by the American Section Director who took me to a small town about eight miles distant where the Section was located. So started my life as an Ambulance driver and I was now drawing the regular pay of a French private, five cents a day. By previous agreement all the members of the section turned their pay into a food fund to purchase extras to add to our regular rations. We were commanded by an American Director and a French Lieutenant. The Director of our Section (a splendid fellow) was from Utah and had been a Rhodes scholar at Oxford at the outbreak of the war. The French Lieutenant was of exceptionally fine character and was held in high esteem by us all. The Section was made up of twenty Ford ambulances, two motor trucks and a traveling repair shop and kitchen. We were attached to a division of the Eighth Army and followed them wherever they were ordered. When the division was at the front we were given a headquarters in some town from four to six miles behind the trenches and in telephonic communication with every part of our division. At the front, directly behind the third line trenches, were established a number of first-aid stations, known as "postes de secours," to which the wounded were carried from the trenches. At these points we kept relays of cars on continuous duty day and night. If the cars on duty found the work too heavy, the reserve cars from headquarters were called up. The wounded, after receiving first-aid dressings, were carried by us to the field hospitals, located three or four miles behind the lines.

After a few days of instruction in the methods of handling the wounded and the car itself, I was assigned to an ambulance, and the next day found me on duty at the front for twenty-four hours. If anything had happened that day I would probably have been so scared that I couldn't have cranked the old Ford, but luckily for me, my one passenger was a man who had swallowed his false teeth. This was exciting enough for him but not sufficiently dramatic to make me nervous.

The "poilus" whom we got to know and lived with at the front were all most interesting to us, and to them we were interesting because our action in coming to France voluntarily was to them an enigma. No amount of explaining could make clear to them why any American, who did not have to come, would want to inject himself into that awful turmoil. They were always glad to share their food and wine, or "Pinard" as it is called in French trench slang, with us, and in return would accept an American cigarette or pipe full of tobacco. That we smoked sweet tobacco was almost as much a source of wonder to them as the fact that we were volunteers. To us it was an equal source of wonder how anyone could smoke French tobacco and survive. One variety of cigarettes I remember distinctly. It comes in a yellow package and is called by the "poilus" a "soixant-quinze," being named for the famous French light artillery. Probably because of its deadly character. Certainly after smoking one I decided I would rather go through a gas attack than tackle another. While sleeping in the dug-out, however, I became acquainted with something even worse than a French cigarette. Two "somethings" in fact. I am fond enough of animal pets but the French trench variety, consisting of fleas and rats does not appeal to me, but I certainly seemed to appeal to them. I might even say I was a prime favorite.

Many of the roads we worked over at the front (and our division fought during my six months service along the entire front from the Aisne to the Meuse) were models of what roads should be. They are of the macadam



type, familiar enough to all Americans, but their upkeep was marvelous and entirely unfamiliar to us. Talk about shell-torn roads. The roads directly behind the lines, under constant fire, were far better than the streets in most American towns. Along one side of each road is an almost continuous pile of crushed stone and on the other side a pile of sand. Immediately after shells strike the road a force of men, often Boche prisoners, fill the holes with mixed sand and stone. No one in America would think of repairing a macadam road until the holes were at least a year old and the repair gangs here don't have any shells to dodge either. In northern France the roads are not so good, due to the nature of the ground, which is largely clay, and there the mud is sometimes hub deep. Changing tires under these conditions was difficult, to say the least.

Shortly after my return from my initial tour of duty at the Front, things began to happen. Our cantonment was located in a little village filled with reserve troops, some seven kilometers behind the lines. In conjunction with a cavalry troop, we occupied the barn of the Burgess of the village. Next to me slept the "Count," who looked like an American musical comedy type of Frenchman. He really had a right to the title, being descended from the old French nobility, but we would have called him "Count" in any event, he so perfectly looked the part. One night we turned in as usual but about 2 A.M. the "Count"—who by the way wears five service stripes on his left arm, denoting service at the front since the beginning of the war—wakened suddenly. His cry of "Le gaz" brought me out of sound slumber, and sure enough it could be smelled distinctly. It was also noticeable that the slight breeze blowing from the Boche territory was increasing in intensity, and there followed a wild scramble in search of our gas masks. It was so unusual to have gas blown back this far from the lines that no one had his mask at hand. It took five to ten minutes before every one was equipped and violent coughing and swollen, smarting eyes were much

in evidence. For several days some of the boys showed the effect of this gas, the symptoms being sore throats and severe headaches. By the time we had our gas masks on and a few outer garments over our pajamas, the Klaxon gas alarms were being sounded at regular intervals and we hurried away in our ambulances to help out the cars which were at the different "postes de secours." Up at the "postes" the victims of the gas attack were being carried in on stretchers or by the score on the small narrow-gauge railroads which wind their way as supply carriers through the communication trenches. As fast as they received their first-aid treatment we rushed them away to the field hospitals. Driving an overloaded Ford car at full tilt while wearing a gas mask is a feat worthy of a New York Taxi driver and I felt I was fully initiated.

Many of the victims died of strangulation before we could get them to the hospitals, as the effect of the Boche gas is to dissolve the lungs. The torture through which a gassed man passes is fearful and the shrieks coming from the back of our cars truly made the driver's hair stand on end, and we cursed deeply the German fiends who had introduced this horror into modern warfare. When we reached the hospitals the attendants removed the gassed men, placing those who were dead to one side and pumped quantities of oxygen into the others, in an effort to save them, although many of them, I am sure, would rather have been left alone so that they too might join the steadily growing pile of men in the corner of the hospital tent.

After twenty-four hours of continuous work we were assembled at the main poste awaiting orders to return to our cantonment. As we had dressed in a great hurry, the uniforms of the men were somewhat unmilitary in appearance. In fact pajamas, a rain coat and a pair of shoes was the popular costume. Leaning half-asleep against the cars or lying sound-asleep in the seats was scarcely the proper attitude in which to receive the French general commanding the division, who happened along at this time and who

was vastly amused at our appearance. To our surprise and embarrassment he stopped and shook hands with each man and thanked him for the work. About three weeks later the general again made his appearance, this time at the regular inspection, at our cantonment. After a little ceremony he presented each man with a signed copy of the citation we received for our work during the gas attack, and the section as a whole was awarded the "croix de guerre." The citation read:

The General Commanding the 11th Division cites from the orders of the Division, The American Sanitary Section No. 9, under direction of Walter H. Jepson.

"Assumed without rest during 27 consecutive hours the evacuation of many hundred men from a regiment, going at all times to the most advanced first-aid stations, meeting the situation with a generosity and an ardor justifying the highest admiration and gratitude of the entire regiment."

A short time after the gas attack we passed to a comparatively inactive sector where I had my first glimpse of the interior of the trenches. A stretcher bearer, bribed by my promise to take his picture and give him a few copies, consented to be my guide. We entered the trenches about four in the afternoon and after I had walked in the mud until my legs ached we had "soup," or the evening meal, in a dug-out in the second line trenches. This dug-out was eight feet below the parapet and so constructed that a shell bursting outside would not throw pieces into the dug-out, and in fact was fairly safe unless a trench torpedo or a large shell landed directly on it. Earlier in the afternoon a sentinel in the first line trenches had invited me to look through his periscope at the body of a Boche hanging on the barbed wire entanglements some thirty yards away. The night before a star-shell had revealed a German working party trying to cut the French wires and a machine gun had broken up the party in short order. I was invited to remain over "soup" and see a patrol bring in the body of the dead German.

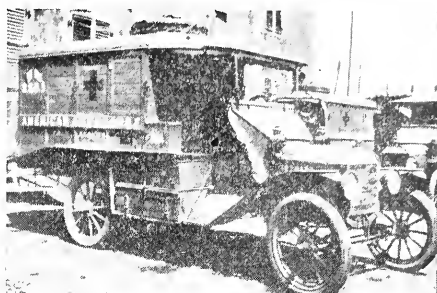
As soon as it was dark the patrol climbed out with great care, lying down each time a star-shell from the German trenches hissed into the air. Finally the dead Boche was reached and just as two of the Frenchmen were pulling him off the wires an unexpected star-shell lit up "no man's land" and this time it was the Boche machine gun that opened up. The patrol returned to the trenches double quick, with only one wounded. This man was struck in the fleshy part of the leg and as he put his hand over the wound another bullet struck him in the same place, this time going through his hand. I rode back to the hospital on the ambulance that was on duty, wondering if the movement of the dead Boche had not sprung a signal in the German trenches, leading to the sudden star-shell and the machine gun fire.

August found the section near Verdun, where we had the privilege of serving the famous Foreign Legion. At the time we served it there were men of fifty-seven nationalities represented in its ranks, including one German. This German was Adjutant to the Colonel of the Regiment and had been in the French Foreign Legion for eighteen years, having deserted from the German army to enlist. There were three Americans in the regiment at that time. One had been wounded three times, the second twice, while the third had been in the war since July, 1914, and never had a wound. He had just received the Military Medal, the highest award for valor in the French Army. The exploit that won for him the medal was remarkable. In a recent attack he had cleaned out two hundred yards of German trenches with grenades and had captured single-handed forty-nine Boches. He was an east-side New Yorker and is a fair example of the type of men who have made the Foreign Legion loved by the French and feared and hated by the Germans.

About this time a bad epidemic of what the French call "Le gale" broke out in our section and seventeen out of twenty-two of us were sent to the hospital for three days. Someone had evidently carried a wounded man



American Ambulance Hospital in Paris



My Ambulance



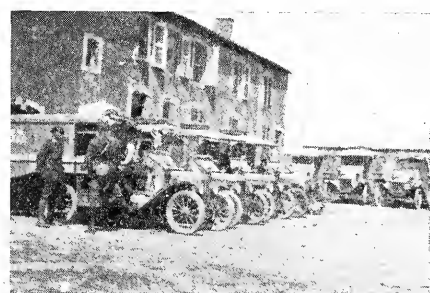
My Chum and Myself



One Kind of Shooting



Our Crowd



At Headquarters



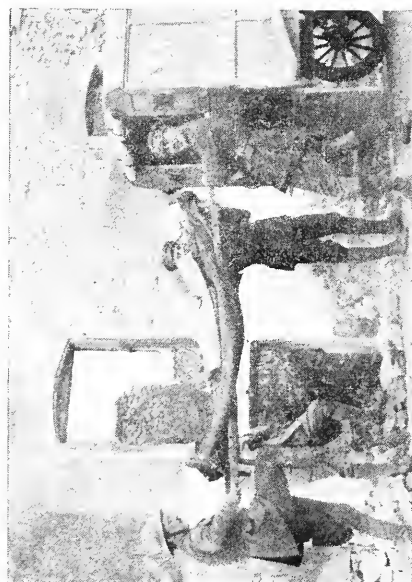
A Sign We Hated To See



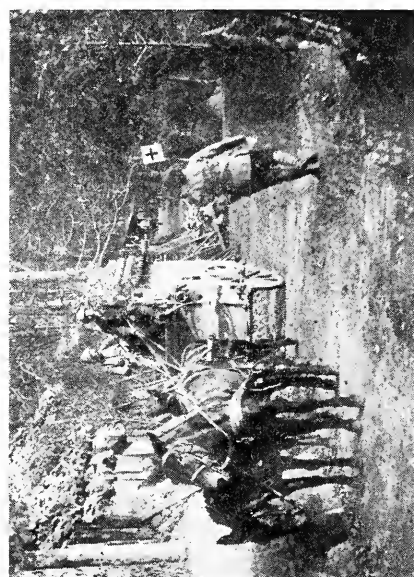
Wounded German Prisoner

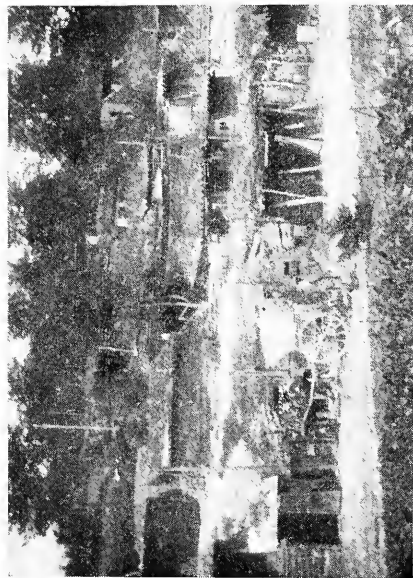


"Never fazed me"



"Gently, boys"

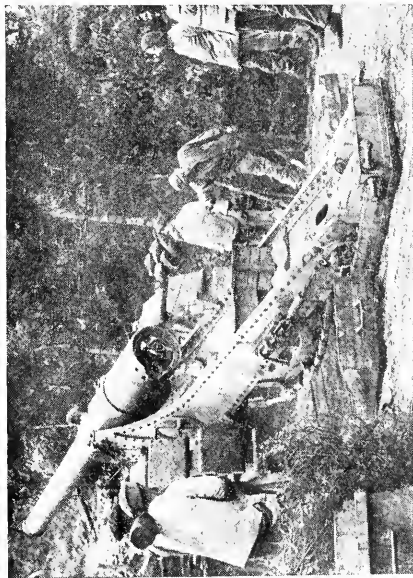




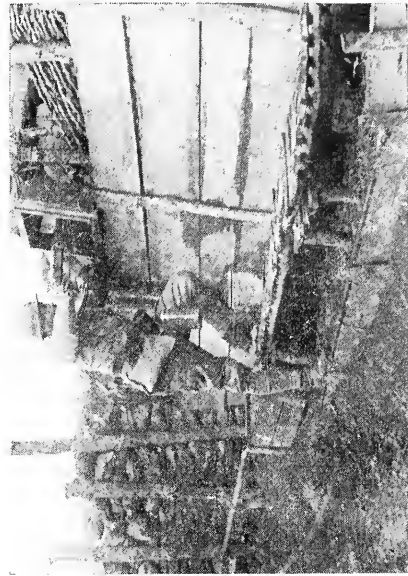
A First-aid Station



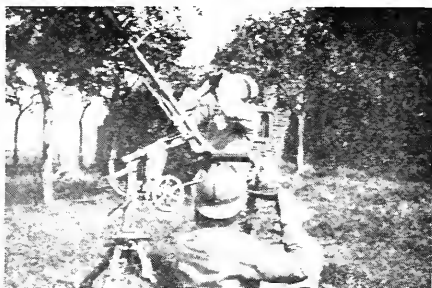
A Road within 500 Yards of the Trenches



A French "155"



On the Firing Step



Firing at a German Plane



We Watch the Result



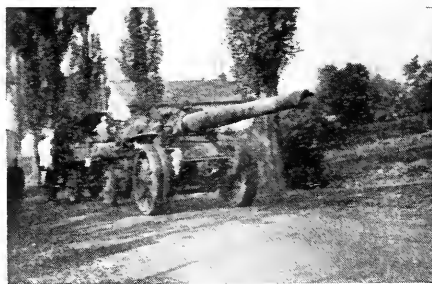
German Plane Shot Down and  
Camouflaged



No Man's Land  
(The quickest snapshot I ever took)



A Light Rapid-fire Gun



A Big Naval Gun



Our First American Soldier



Homeward Bound  
(Anti-Submarine Gun Aft on Our Boat)



afflicted with the disease and contracting it himself had spread it among the rest of us. The cure was most strenuous, but anything is better than "Le gale," which in plain English, is the itch.

Shortly after I was discharged from the hospital, when I was again on poste, the officers there had a concert in a dug-out, to which I was invited. The night seemed exceptionally quiet, and sitting there listening to the concert it seemed hard, at times, to realize how close to the front we were. After the concert I turned into my bunk at the first-aid dug-out and went to sleep. About two o'clock I was awakened by the most violent connoading I had ever heard. Rushing out I found six extra ambulances and two motor trucks were just arriving at the poste. They had been telephoned for as the French were about to attack the German trenches. The two trucks discharged about a hundred extra stretcher bearers and their equipment and they filed away down the dark communication trench to bring back the wounded. Knowing that it would be an hour before wounded would be brought out of the trenches, we drivers asked for and received permission to go to an artillery observation post, on the top of a hill close by, where we could see what was going on. When we got there we saw that the French were letting out great waves of gas which the wind was driving towards the German trenches. The brilliantly burning magnesium of the star-shells lit up the scene and revealed both lines of trenches. Over our heads the German shells schreeched and we knew the roads were suffering over which we would soon have to travel. Far back in the Boche territory we could see the flashes as fresh batteries were brought into action. Then we saw the French infantry "go over the top" and we knew our time was up and we must leave the spectacular scene before us to look once more on the seamy side of the picture. All night long we worked and far into the daylight before all the wounded were delivered to the hospitals. Only one car was hit by shell fire and luckily neither the driver nor the wounded he was

carying were hurt, although the car was badly "shot up."

Two days later the division we were serving was withdrawn from the front and we went with it to a small town near the city of Nancy. We were quartered in an old chateau on the side of a hill overlooking the city and we were allowed absolute freedom to go and come as we desired. Nancy is a beautiful city, about thirty miles from the German border. It shows many scars from bombardments during three unsuccessful attacks by the Crown Prince's army in 1914. Being the seat of important munition plants and other war industries it has also suffered from air raids.

One night, shortly after our arrival, while we were sitting at dinner, we were rudely reminded that there was a war in Europe. A Boche airplane dropped a bomb somewhere in our vicinity and the explosion made the dishes on the table dance. We rushed out on the lawn and all around us we could see the great searchlights sweeping the sky to locate the German plane whose motor we could hear overhead. Every once in a while we could see a red flash down in the city, followed by a loud explosion, showing that another bomb had been dropped. All the while the anti-aircraft guns were firing as hard and as fast as they could and the sky was lit up with brilliant white flashes, showing where the shells were bursting. This kept up for several hours and all the time we were wondering why we were not called on to go to the city to make the necessary evacuations of people wounded by the bombs. We learned the next day that the city authorities did not know of our presence and had telephoned for another section which was doing active work a number of miles away.

The next morning I went to the city and found the streets covered with broken glass, stone and debris of all kinds, and here and there marked with great holes near each of which the houses were badly scared and dented. Many places that once were houses were now piles of rubbish showing where the bombs had hit their mark.

Late the next afternoon, while both the French and the American officers of the Section were away, we got orders to send the entire section across the city to a hospital where there were 100 evacuations to make. Another chap and myself rounded up fifteen of our fellows and we started for the hospital. We had to run without lights and some of the cars lost their way so that only five of us arrived together at the hospital. Sending one car back to find the ten that were missing we started to load the remaining four cars with stretcher cases. Just as we finished loading two of the cars there appeared over the city a number of Boche planes and the anti-aircraft guns opened up full tilt. The pieces of bursting shells began to fall around us in a way that made one feel that "under cover" was the place to be.

Just as we were about to start out the chief doctor of the hospital ordered us to unload the cars. By this time hundreds of men and women were running into the court yard, looking for the caves underneath the hospital which were made to give the civilian population protection during airplane raids. In the midst of this mass of wild people, with shell fragments falling all around, bombs bursting near at hand, under a sky illuminated by search lights, signal rockets and exploding shells, a sky filled with hostile airplanes, we worked to get the wounded from our cars to the caves. It was a most exciting and decidedly unpleasant experience, especially as all the lights had been put out as soon as the raid started and we had quite a time finding where to put the men we took out of our cars. Inside the caves were hundreds of people who had completely lost their heads and it was a sight I had never seen before and never want to see again. Outside we could hear the bombs exploding, and inside half-crazed nurses and civilians rushed madly about in striking contrast to the conduct of the men in the dug-outs when under shell fire, where everyone sits quietly until the bombardment is over. Finally, in spite of protests, we sent four of our cars out to pick up wounded in the streets, which was done so efficiently that we

were congratulated next morning by the governor of the state in which the city is located. The missing cars had now arrived and I was left in charge when the four cars noted above started out on their errand. Just after they left orders came from higher up to carry on the evacuation during the bombardment. As we were supposed to be "at rest" we had no maps of this territory and we needed guides in order to find the hospital we were evacuating to. We went down into the caves and called for volunteers, and out of that mixed crowd of 300 people only one young woman offered herself. With her as guide, over streets full of abandoned trolley cars and wagons and covered with broken glass and rubbish we made three trips and cleared the hospital of 120 cases in four hours.

The woman who acted as guide told me that her husband had been killed at the front and that she was working in a munition factory to support herself and two young children. I took her name and address and turned it over to the proper authorities. I never heard of her again but I hope she received the decoration and pension she so richly deserved.

After our "rest" we were ordered to move to a small town some distance away to take part in some maneuvers. One afternoon several of us were sent to a place some miles away to evacuate a number of men to a railroad head. As we bowled along we noticed coming over a hill before us a long line of moving brown figures. As they neared us we saw they were troops and as they wore khaki supposed a French colonial division was moving into the sector. Our surprise was great however, when we saw they wore the English style helmet, and still greater when we realized that these were no French or English troops, but our own, Pershing's regulars, about to enter the trenches. The contrast between these healthy, well-built men and the ordinary French soldier was so marked that it was no wonder that French civilians and soldiers stood along the road side open-mouthed with surprise and admiration. You can judge for yourself what the sight meant to me. Before the maneuvers were over I left



for Paris on my way home to find my place in my own Country's fighting forces.

After my discharge from the French army I had a week to wait in Paris before my boat sailed. I spent it at the Paris headquarters of the American University Union in Europe, of which Lehigh is a member and which you will find described elsewhere in this issue of the BULLETIN. Suffice it to say that here a Lehigh man can get a good room and meals at reasonable rates. Here he will find good fellowship and the atmosphere of home. Here are the American and English papers and magazines, comfortable lounging, reading and writing rooms, splendid men in charge to help you and advise you, and best of all there is no rank distinction. General and private merge, as they come through the portals, into the old order from which they were recruited and they are again simply American college men. In one word it is "great."

And now back again down the muddy river, through the mine field and the danger zone and then up the harbor into that city of which our own Richard Harding Davis remarked, "Little old New York is good enough for me."

#### SHOT WHILE FIGHTING

##### GERMAN AIRMEN

#### Harry F. W. Johnson, '17, Wounded

On January 19th, Johnson and Landrum Ovington, of Paris, members of the Lafayette Escadrille engaged three German airmen. Johnson was shot in the abdomen but was able to bring his machine to the ground safely. He was taken to the hospital and operated on successfully.

Johnson left college last Spring to go to France to drive an ambulance. He was in Section 11, of the American Red Cross Ambulance service, for several months. He then went into training for air service and was given a machine about a month before the date on which he received his wound.

On January 25, his mother, Mrs. Guy R. Johnson, of Bethlehem, received a cable stating that his wounds are slight and that he will be about in a short time.

#### OUR HONORED DEAD

#### Private Joseph L. Hayes, '17, Lehigh's First Mortality

Ferdinand E. Hayes, jr., C.E., '07, reports the death of the brother, Joseph L. Hayes, '17, a former private in the 3rd Aero Squadron, Fort Sill, Okla. He sends a copy of the official notification, which we append.

The Class of 1917, which has already given over one hundred men to the Army and Navy, being almost half its total enrollment, is thus the first to suffer a loss. Lehigh faces this first death solemnly and to the brother and other members of the family she sends her deepest sympathy.

Headquarters 3rd Aero Squadron, S. C.  
Aviation Field, Ft. Sill, Okla.,

October 30, 1917.

From: Commanding Officer, 3rd Aero Squadron, S. C.

To: Ferdinand E. Hayes, Louisville, Ky.

Subject: Death of Joseph L. Hayes.

1. Private Joseph L. Hayes was accidentally killed on October 27, 1917, under the following circumstances:

2. He was on duty at the flying field, driving a motorcycle. He was returning from an aeroplane in trouble on the side of the field away from the hangars, and crossed in the path of an ascending aeroplane. One wheel of the aeroplane struck him and knocked him off the motorcycle. He lost consciousness soon after the doctor reached his side and died on the way to the hospital.

3. Private Joseph Hayes was an excellent soldier, who was universally liked by his officers and fellow-soldiers, and his unfortunate death is a source of genuine sorrow to all of us.

Benj. G. Weir,

Major U. S. Army, Commanding.

Captain James E. Miller, M.E., '93, formerly with the J. G. White Engineering Corporation, was commissioned a Captain of Engineers and is on Pershing's Staff at the General Headquarters of the American Expeditionary Force in France.

## OUR BOYS IN FRANCE

### Captain in the Rainbow Division

J. J. Shonk, '01, tackle in the football team in 1900, was Captain of Co. M, the Bethlehem Infantry Company in the National Guard of Pennsylvania. This Company was selected as part of Pennsylvania's contingent to the Rainbow Division and became the 149th Machine Gun Battalion. After being trained at Camp Mills, on Long Island, they sailed to France in the fall and are completing their training behind the American Sector. Captain Shonk writes that his company is billeted in a small village and that while the weather is cold his men keep quite warm with their clothing and blankets and few of them are sick, except with slight colds. His own bed, in a peasant's cottage, he says, has a thick straw tick, two thick feather mattresses, nice clean linen sheets, good warm covers, and on top of that a down pillow four feet square and a foot thick, which is also a cover. When he lies down in it at night he simply disappears.

Capt. Harry E. McCormick, '04, writes from "Somewhere in France," under date of November 21, that he is in the quiet zone, with no excitement except the thought of the turkey promised them for Thanksgiving.

Frederick M. Brodhead, '09, was employed by the Republic Rubber Co., and resigned his position to enlist in the First Corps Cadets, about a month after the diplomatic relations with Germany were severed. The First Corps Cadets were then converted into the 101st Regular United States Engineers, soon after which he put in an application for Plattsburg Training Camp. He learned later that his regiment was to be sent abroad, so he resigned from Plattsburg, in order to join his regiment. Mr. T. H. Morgan, a personal friend of his, received a letter from him from England, saying that his trip across the water was uneventful, and that they saw no submarines.

### From Ambulance Service to Engineers

R. E. Mickel, E.M., '14, until recently with the American Red Cross

Ambulance Service in France, is now in the Engineering Headquarters, Lines of Communication A. E. F., France. Mickel left South Africa in March, 1917, to join the Red Cross. His letter published in the November BULLETIN tells of his arrival at the Front on July 4. He left the Red Cross service about November 1 and applied for a commission in the U. S. R. Corps of Engineers. He has passed his examinations and probably has his commission before this. When last heard from he was serving as a civilian draftsman in the Paris Headquarters of the U. S. Engineers while awaiting his commission.

Seymour Hadaway, C.E., '14, Captain Q. M. C., writes Lieut. Hagenbuck, '16, on December 20, that he recently witnessed an air raid in London in which eleven were killed and sixty wounded. He says air raids are as common as heavy rain storms.

### Decorated for Bravery

Sergeant David McKelvey Peterson, C.E., '15, of the Lafayette Escadrille, is now Captain Peterson of the U. S. Aviation Service. In December, 1917, twenty-two members of this famous organization were transferred to the U. S. Aviation Reserve, all receiving commissions. Previous to this, on November 13, at an impressive service held in honor of Captain George Guynemer, the famous French airman recently killed, Peterson, together with three other flyers, was decorated by the French for his bravery.

### From Heavy Artillery to Aviation

Miles Kresge, M.E., '16, commissioned a Second Lieutenant in the Heavy Artillery and mentioned in a letter published elsewhere in this number as one of the officers in the Heavy (Rainbow) Artillery of the A. E. F., is learning to fly. In a letter written home he says he is now in the 210th American Escadrille and that he is learning to operate machine guns and to send wireless messages as well as to fly airplanes.

### Leaves Lafayette Escadrille for U. S. Army

The Philadelphia "North American" of December 24, 1917, has a picture of Henry S. Jones, '17, one of the youngest and most expert flyers of the Lafayette Escadrille, who has been transferred to the U. S. Aviation Reserve with the rank of First Lieutenant. Jones went to France in May, 1916, and drove an ambulance in the Verdun Sector from then until November, 1916, when he entered the Aviation Service, being commissioned a monoplane pilot in May, 1917. Later he became a Sergeant, the usual rank of the American Aviators in the Lafayette Escadrille. Word has just been received that Jones has been decorated with the "Croix de Guerre."

Doran Dosch, '17, enlisted in the Ordnance Reserve in June and is a Corporal in the Ordnance Detachment of the American Expeditionary Force, France. He writes that he is at an artillery training camp to attend a school for instruction in overhauling and repairing artillery.

William B. Smith, '17, is in No. 16 (Philadelphia, U. S. A.) General Hospital Unit attached to the British Expeditionary Force. He enlisted in May, 1917, and was sent to France immediately. He writes that he received the November BULLETIN and was greatly interested in it. In a letter to him the Secretary expressed the hope they would soon trim the Kaiser and he answers that he "won't be satisfied until the Kaiser's shirt is flying from the top of Packer Hall—not that it would be an honor, but so that we can show the world that Lehigh did her part."

### From French Ambulance to American Air Service

Harry B. Doyle, '19, who is a First Lieutenant in the Signal Corps, left college a year ago, in February, 1917, to join the Norton-Harges Ambulance Service. In a letter from France, under date of January 17, 1918, he says, "I was at the front when America entered the war and as soon as my six months enlistment was finished I hurried home to join our Army, arriving

in the United States September 25, 1917. I found it to be too late to enter any Officers' Training Camps but luckily, in Washington, I ran across an officer who demanded a man with certain qualifications and experience, which fortunately I possessed, due to my work in the Norton-Harges Corps. Accordingly I received, in due time, my commission as First Lieutenant in the regular United States Army (temporary commission) and left America on October 30, after having been home for about a month, most of which I passed in Washington. I am now located in Base Section No. 2, A. E. F., in the Air Service, and when this work is finished I shall enter one of the schools here and go after my wings."

Private A. T. L. Yap, '19, one of last year's baseball team, is now in the Intermediate Ordnance Depot, A. E. F., France. He writes on Christmas Day that, having spent his first Christmas away from home in New York City, the second one in Philadelphia, the third in Allentown, and this one in France, he feels he is "going some."

Frank W. Ritchey, '90, Sergeant, Co. B, 21st Engineers, writes from "Somewhere," France, that the Alumni Association letter of November 25, 1917, was the first one to reach him on foreign soil. He says, "Lehigh-Lafayette score was certainly a dandy and we expect to 'beat the Dutch' by one equally as good."

E. L. Bevan, '89, whose son, Lathrop Bevan, '20, is a Second Lieutenant at Camp Meade, has gone to France on Y. M. C. A. war work, thus beating his son to the front.

### Boys at the Front Get their Bulletins.

Corporal Greer Lloyd, '19, of Co. B, 2nd Brigade, Machine Gun Bn., 1st Div., A. E. F., France, writes under date of January 31, 1918, that he has just received the ALUMNI BULLETIN "and it was like an oasis in the desert. Fine dope in it."

Sergeant J. M. Shimer, of Co. D, 149th Machine Gun Bn. (Rainbow Division), A. E. F., France, writes, under date of February, that his November BULLETIN has just arrived. "To say I

was extremely glad to receive both letter and the BULLETIN is putting it very mildly. I have carefully noted the address of the American University Union in Paris and hope to stop there sometime." Shimer and Smith, '18, another Sergeant of the 149th M. G. Bn., are both detailed to a school of instruction at present and he says they are finding out what real study means.

Second Lieutenant Joseph A. Holmes, 151st F. A., A. E. F., France, writes on February 2, 1918, that his November BULLETIN has just arrived and he enjoyed it very much indeed. Says he has been in France for four months, which has all been spent in training, but things are beginning to get lively and he wishes he could tell about them.

George D. Henderson enlisted at Glasgow, on September 15, 1917, as a private in the Royal Highlanders (Black Watch). On December 15, 1917, he was gazetted as Second Lieutenant of Royal Engineers. He writes on January 30, 1918, from Gibraltar Barracks, Aldershot, England, that he will be embarking for France in about a week's time. Says if he gets to Paris he means to avail himself of the privileges of the American University Union.

#### FIRST TO FIGHT

Donald MacIsaac, '17, Distinguishes Himself at Cambrai

In spite of the censor we have all heard of the exploits of the American Engineers at Cambrai, who dropped their tools and joined the ranks of fighting men to aid the English in stopping the vicious German drive that threatened to break the British line, and in the daily papers, the magazines and the engineering journals you have read the accounts of the exploits and seen photos of Donald MacIsaac, C.E., '17, who was one of the heroes of this first battle in which American forces participated.

By piecing together the various newspaper accounts we are able to arrive at a fairly adequate outline of what happened, and certainly we have

a right to be proud that in our very first battle, with only a few Americans represented, a Lehigh man should be the most outstanding figure. The facts seem to be about as follows: MacIsaac, who is a 2nd Lieut. in the E. O. R. C., is, or has been, an acting Sergeant in Co. E, 11th (Rwy.) Engineers, U. S. A. He probably has his assignment as Lieutenant by this time. During the battle at Cambrai this regiment was working to keep open the supply railway tracks immediately in the rear of the British fighting line. The surprise attack, by the Germans, resulting in the partial defeat of the English army, drove the battle line back so suddenly that these Engineers found themselves in the midst of it. It was a case of fight or run, and you may be sure our boys did not run. In the melee that followed the Engineers did their part as fighting men and accounts agree that Donald MacIsaac and Lieut. McCloud were the heroes of the action. It is certain that Donald rescued not only a wounded officer but also a "non-com" and helped carry them to a dressing station through the barrage which the Germans had thrown behind them to prevent escape. After that had been done he returned through the barrage to make sure that no men of his company were left behind under the murderous fire. Just what happened when he returned is not so certain, but the letter of Col. Henry Hodge, of General Pershing's staff, which follows, gives one the right to guess that there were some lively times in which MacIsaac played a gallant part. This letter is quoted in the "Engineering News-Record," of January 17, which also carries a picture of Donald. The picture section of the "New York Sunday Times," of January 6, also reproduced this photograph. The "New York Journal," of December 28, was the first paper in which Col. Hodge's letter appeared. Under the scare head lines of "LEHIGH BOY PUT BACKBONE IN ALLIED ARMY," they printed the following article:

An American officer in France has written a letter to F. J. MacIsaac, president of the General Contractors Association, congratulating him upon

the gallantry displayed by his son, Donald MacIsaac, a recent graduate of Lehigh University, who is with an American engineering regiment "over there." The letter in part follows:

"I want to write you a line of congratulation on the conduct of your son in the recent conflict with the Boches.

"Every one here says that but for his heroism and that of those who were with him from the engineers we might have had a serious fall back. He, Lieut. McCloud and a few others rallied their men and our allies and held the Boches.

"The allied commander will probably give special recognition to this gallantry, and I am sure that you will be glad that your boy is one of the first to show that we Americans are going to do our part in this great struggle.

"I am very sorry that military regulations do not allow me to give you details of this affair, of which all of us here are proud."

The "Fighting Engineers" the official journal of the 11th Engineers states that MacIsaac and McCloud have been recommended for promotion by General Pershing for conspicuous bravery.

Kenneth MacIsaac, '20, a brother of Donald, who left college to enter the Navy, is reported to have been in a sea fight but details are lacking. It would seem, however, that the two MacIsaac boys are having all the luck. Here's to them!

### With the Heavy Railway Artillery in France

November 24, 1917.

Yours of October 2, has just reached me in France. You see you made a good guess—I am in the Heavy Railway Artillery, which will no doubt be a very interesting branch of the Army when we get busy.

I am glad to note that there are 300 Lehigh men in the service. That's a great record—but let the good work go on. I gave up a whole lot to do my bit—my automobiles, my quarters at the very comfortable Engineers Club, and all the good things that are near and dear to us all. But it's worth it. But don't forget it is hard work—very

hard work. Report at 5 a.m., when it is still pitch dark, and at it all day. It's cold and awfully muddy. We all wear big, rough boots with hob nails and thick soles to keep the mud and water out. This part of the world seems to be made of mud exclusively. We sleep under four and five blankets at night. It is very raw and damp.

I am located in a very interesting place which was occupied for a few days by the Boches until their retreat at the Marne. That large body of Russians (twenty or thirty thousand of them) were afterward quartered here, and now sometimes 40,000 French troops are "resting" in our camp.

It is strange to see so many colored French troops—just exactly like our porters and waiters, but instead of saying "Hello Boss," they say "Bon Jour Monsieur."

Lehigh, as usual, is right on top, having three Captains and one Lieutenant in our "outfit." They are Capt. Paul Herman, '05, Capt. John (Shad) Rowe, '06, and myself, and Lieutenant Kresge, '16. That's a fine showing to have on the big guns, which are supposed to be the "high-brow" branch of the service.

We have the 155's up to 440's (6½ inch to 17 inch) which are slightly larger than the German 42's which wrecked the Belgian and French forts at the beginning of the war.

Give my regards to Hank Scovil and Aubrey Weymouth and all the rest of the boys, and before I close I want to congratulate Dr. Drinker on his fine record of 300 Lehigh men in the service.

Good luck and best wishes,

DeCOURCY BROWNE,

Capt. Ordnance Department,  
American Expeditionary Forces,  
France.

Posters of the N. Y. and Pittsburgh Lehigh Clubs just received. They look very interesting. Glad to see the good work go on.

### From an Infantry Officer in France

November 5, 1917.

Have received your blank from my sister. She has given you all the information I can supply to date. I might say I think I am the only Le-

high man in this regiment and probably the only New Yorker in our division commissioned. I happened to enlist in Boston, while studying at Cambridge, and got into a New England Company at Plattsburg, was then sent to Ayer and a few days later transferred to my present Regiment.

At present I am stationed in a small town. The first thing we did was to make a clean up. Now I don't mean anything bad by this. We simply cleaned up the streets and made things liveable.

Our company is billeted, part in an old mill, long deserted, the rest in what used to be the house of the village priest. Some other men here are quartered in barns and are not as well off as our company.

We go to a training field and there learn the modern game of war. We have had several men wounded in the practice.

Hope I have not tired you. Would appreciate a Burr now and then if it is putting forth its leaves.

Please give my best wishes to Mr. Walters, Dr. Drinker, and Dr. Emery. Would be glad of any news from Lehigh.

Sincerely,

H. I. FAIR, '16.

2nd Lieut., Co. H, 101st Regt.,  
51st Brig., 26th Div.,  
A. E. F., France.

#### From An Aviator in Italy

Campo d Aviazione Sud,  
Foggia, Italy,  
December 13, 1917.

Just a few lines to ask if you would please send me the last few issues of the ALUMNI BULLETIN. I don't believe my name is on the mailing list and I know that the above address is not. Am anxious to learn of other Lehigh men over here who are mixed up in this little scrap.

"Ted" Krom and I are the only "Lehighers" at this camp. He went to the Cornell ground school while I went to the one at Princeton. We met at the Garden City Concentration Camp and came over together on the Adriatic.

There are three Lafayette men here

but have been unable to induce any of them to bet on the big game—as might be expected. To date we are still ignorant of the result of same and even of whether or not the game was played.

Sorry that I am unable to give you any real news. Have been here about three weeks and my "wings" are growing a little every day.

This is an Italian school. The course of instruction is fine and very complete. It far exceeds the Reserve Military Aviator tests given in the States. The machines used are of the best. For "censorable" reasons the instructions are rather slow and I shall likely be here for five or six months.

With kindest regards and thanking you in advance for the BULLITENS, I remain,

Very sincerely,  
ROBERT A. LAEDLEIN, '16.

(NOTE.—Our last address for Laedlein was the ground school at Princeton, and his BULLETIN was sent there. Needless to say, another one and also the result of the Lafayette game was forwarded him on the receipt of this letter.)

#### IN THE SUBMARINE ZONE

(Weikel, '18, who writes this, tried to enlist when war broke out but was turned down on account of poor eyesight. Being a teacher of wireless telegraphy he was able to obtain service as an operator on a Standard Oil Tanker.)

S. S. Santa Rita,  
Newport News, Va.,  
November 28, 1917.

Mr. Walter R. Okeson,

Dear Mr. Okeson:

In reply to your request of the 21st Inst. I will give you a somewhat brief story of my trips through the European submarine zone for the past ten months.

I am radio operator in charge aboard the S. S. Santa Rita, an oil tanker of eight thousand tons. We are engaged in carrying fuel oil to the British and Italian fleets.

We left Philadelphia for Sabine, Texas, soon after war had been declared. We were armed with two

four inch guns, which were manned by a crew of twelve Naval men. On leaving Texas for Gibraltar we had our life boats swung out ready to lower at a moments notice, and we ran at night with every light on the ship, excepting in the engine room, out.

Arriving at Gibraltar we received orders to proceed to La Spezzia, Italy. I enjoyed the trip through the Mediterranean immensely, as we kept within five miles of shore along the Spanish, French and Italian coasts. Many of the large cities could be plainly seen.

I had, during this time, received frequent radio warnings from various coast stations, reporting submarines operating in our vicinity. But fortunately we were unmolested, although we saw several torpedoed steamers which had been beached to keep them from sinking.

We arrived safely in Italy and disposed of our cargo. On our return to Gibraltar, I heard that the American steamer Moreni was being shelled by a submarine. Her position was a little over one hundred miles south of us. Later I heard that her crew had been picked up by the Spanish steamer "Valveleri." Shortly after midnight we passed the Moreni, still burning. The rest of our trip back to America was uneventful.

Our second trip, which was to Gibraltar, was much the same as the first. We were able to get a good view of the great fortifications at close range. And, after viewing it, the British boast that it can never be taken is not to be doubted.

Our third trip took us to England. Stopping at various ports along the coast, we went through the English Channel and the Straits of Dover. Conditions in England at the present time, to the casual observer, are very much the same as in peace times. Of course there are many soldiers on the streets and restrictions on the purchasing of food, but as to want or hunger, England has plenty of food. Not fancy stuff and luxuries, but good, solid, wholesome foodstuffs enough to keep her people from want.

We set out from England with fifteen other ships, conveyed by patrol

boats and torpedo boats. Here we got our first and only submarine excitement. The ship in back of us, one night at sunset, fired up rockets and steamed ahead full speed. Whether or not she had sighted a submarine we do not know for we saw nothing ourselves.

The exciting part of the trip came when, owing to a strain caused during a storm, salt water got mixed with our fuel oil to such an extent that we could not get steam enough to turn our propeller for five days. During this time I was at my instruments for sixty-three hours straight. However, we finally got into Newport News.

We have been through the war zones three times without sighting or being attacked by a submarine. Of course some other ships are not so fortunate. But by comparison of the amount of shipping to the number of ships sunk the submarine warfare is a dismal failure.

By the time you read this I may be in the army, as I am only waiting for them to pass my eyes. But in the meantime I shall keep up this work, as I think that I am where I am of the most service. We leave in a few days for "somewhere in Europe," this is literally speaking, as we will not receive our orders until the last minute. We may not be as fortunate this time, but that is the chance we are taking. And, believe me the game is well worth the candle.

Yours sincerely,  
JOHN H. WEIKEL, Ex. '18.

#### FRED W. SHAY, '16, WITHIN SOUND OF ENEMY GUNS

Fred W. Shay, '16, D Co., 14th Engrs. (Railway), American Expeditionary Forces, writes, under date of November 5, the following very interesting letter:

France, November 5, 1917.

Dear Dad:

The fact that you folks at home have not or rather had not heard from me up until October 9, is a mystery to me. I have received practically all your letters and I have answered most of them.

Regarding those articles in the paper some of the fellows received the clip-

pings and for the most part there is a strong tendency towards exaggeration. While some of our fellows have been exposed to shell fire—tractor drivers and train crews—it has not been much more dangerous than the casual damage that one would encounter at one time or another in the "States." (A word which now signifies home to me and is on a par with the English "Blighty.")

But I will tell you my own experiences and a little of the scenic effects of this (never) "sunny France." First of all, if possible, get the four books of Bairnsfather's cartoons—while they really are meant to be an object of humor, they portray the "Tommie" and conditions in France just as they are—and there is something more to them than humor.

We arrived in France one stuffy day towards the end of August. The port we made was one of the most famous cities on the French coast but it was very disappointing. To reach the camp where we were to receive our instructions regarding gas masks, it was necessary to march about three miles. It was all up hill (and over cobblestones, for we passed through the center of the city).

The camp was a veritable Sahara. It was used by troops going on leave and I was very glad to leave it the next day although I was placed in one of those French box cars marked Chevaux 8, Hommes 40. We spent the best part of the day riding and stopping, which took up most of our time. Towards dusk we approached the old lines and we could make out a few observation balloons and now and then hear the report of the big guns.

Finally the train stopped by a heap of ruins and a Frenchman informed us that we were at our destination. The opening of the Zoo and the feeding of the wild animals draws no more than a passing glance compared to the attention we commanded. "Tommies" on all sides of us and a sprinkling of French civil population intermingled. We were the first Americans seen in the district. I have forgotten to mention the party I was in, it consisted of 100 men. Merely the advance guard—the rest followed three days later.

We were billeted in a "chateau." Sounds rather tony doesn't it. But here is a brief description of it: A brick house standing in the center of a court yard which was surrounded by a brick wall. The house was (at one time) three stories high and covered a ground area of about forty feet square. From what remained of the architecture, I would say it was a rather elaborate design, having a real French appearance with scrolls and curves scattered about promiscuously. The front entrance was exactly in the center and the door opened into a hall which led to the rear of the house and there a door opened into a garden. Halfway through, on the right, was the stairway leading to the second floor. Apart from this stairway the rest of the building was divided into large, spacious rooms with high ceilings, and at one time it would have made a very decent home.

But! At some time or other Fritz had taken a dislike to this house and had hit it directly with two shells and scattered several others about the court. It was a pitiful sight, part of the roof missing and one side completely out. On the floor lay about two inches of plaster and dust and that is where we rolled out our blankets and went into the arms of Morpheus.

My regiment is operating a narrow gauge road behind the lines. The work is not hard and there is little or no danger. At first it was rather interesting, but it is now beginning to be quite a bore. The station at which I am located is between the old British and German trenches. There is considerable difference between the two lines. Fritz is very thorough in his work and steel and concrete are found in his dugouts in large quantities, together with wood that is of first quality.

Near me—a distance of a mile along the track is a French village. Possibly two or three hundred civilians have returned, so I am able to go down there and get a little assistance in the line of remembering my French. Fried eggs, milk, butter and salads, roast pork and things of that sort can be had down there if you get in right, and I might say I am a star when it comes to mixing with them. Madame Deinas is the lady that prepares these luxuries



for me and several other chaps that are within the inner lines. She does my washing and what little tailoring is necessary to make me "beaucoup swank," as she calls it.

So you see I don't have a very hard time of it. She lost her son about a month ago and she is very sad, but when I tell her things about the States and about home she is very enthusiastic. I have promised to show her my box when it arrives and now she is forever inquiring for it.

Love to all, your loving son,

FRED.

### LIEUTENANT CLARKE, '18, TELLS OF HIS VOYAGE TO FRANCE

#### Of His Stay in Paris and His Training on the Belgium Front

Lieut. Sheldon V. Clarke, '18, Balloon Observer Detachment, Aviation Section Signal Corps, who arrived in France just before Christmas under orders to report by telegraph to the commanding officer of the American Expeditionary Force, writes entertainingly of a voyage across the Atlantic through a somewhat tempestuous sea and also of his immediate assignment, within one week of his arrival in France, to duty with a company on the French front.

#### THE VOYAGE

##### On Board Ship.

There are so many orders as to what not to say that there is not much left that I can say. We didn't sail on a commercial vessel as expected, but on a much sought after German liner with an important cargo of troops.

I am in a stateroom with four others, two boys from Fort Oglethorpe and two from Fort Benjamin Harrison. One of the boys has been in Europe for two years with the British Red Cross. He has told me a lot of interesting things. He has been in nearly every warring country, including Russia and all the Balkans. He was a prisoner for six months in Bulgaria. He introduced me to Lieutenant Commander ———, the ship surgeon, who was in Germany in hospital work prior to the opening of the war with the United States, so I have heard quite a little.

I have not been altogether a passenger, for I do an hour's lookout duty each morning in the foretop, which is the little lookout platform at the top of the front mast. I have two sailors with me. We all have naval glasses and are in telephone communication with the bridge and the forward guns.

The convoy had target practice several times during the early part of the trip. Day before yesterday we shot at an imitation submarine, towed by another ship. Our gunners did very good work, so if we sight a "sub" I think we will be safe. We, of course, have a very heavy lookout, both by the army and navy. We practice "abandon ship" daily. Beginning last night, orders were never to remove our clothes. During the entire trip we have been ordered always to have our life preservers with us, as well as can-tees and pistols.

We saw some birds today, so we must be near some islands. Our course and location is a carefully guarded secret.

I don't think this war will be over soon. I am afraid our own aid to the allies in 1918 will be very limited. We are going in to play a game that our enemy has been studying for many years and even the best of our men know comparatively little about it and our troops are without that inborn spirit of militarism which Europe possesses. I feel that I am just starting to learn the game. It's regrettable that we had to go to war, but it's folly not to make the best of it since we must. Let us hope that the people of the United States awake to what they are really up against for no one who has been over and in a position to know much seems to see any signs of German weakening or defeat, though they seem to believe that Germany's last hope of breaking the western front will be in 1918. Most of us who haven't been over have been led to believe that there is no chance of that.

##### One Week Later.

After much ducking around we are at last practically in port.

#### IN FRANCE

Somewhere in France, Dec. 31, 1917.

I am feeling well, never better. My

duties have been rather easy but my work begins very soon. I go to the front tomorrow to join a French company in active service. After completing a course of work of a couple of months with the company I may have the opportunity of visiting other fronts for instruction and education.

I enjoyed my stay in the capital very much. It is a wonderful place, with its buildings, gardens and statues so different from anything I had ever seen before. It is a great sight to see the hundreds of officers of the different nations, all wearing different uniforms. It is certainly very picturesque. The absence of young men and the women everywhere in mourning reminds one of what France is doing. If anyone is not in some branch of the army or army service corps he must be ashamed to show his face, for men in "cits" are a rare object.

I have met several college friends in the city, among them President Drinker's son.

#### REACHES BELGIUM

Somewhere in Belgium, Jan. 3, 1918.

I am at the front, bag and baggage, after a long journey. A couple of hundred miles from Paris by train, a regular train, and then on a troop train and then by auto.

We had no sooner arrived in a little village near the front than the Germans started to bombard it and I had my first experience of hearing shells whistle overhead and waiting to hear whether they would pass before bursting.

There are four of us here with this French company. The commander of the cantonment 'phoned our commander who sent a first lieutenant with a touring car for us. He took us to our quarters which are not in the sector being shelled at present. The guns around us are thundering constantly.

The work is intensely interesting. A company has a great amount of material, motor cars, etc. We take turns going up in the observation balloons. 'Planes are over us constantly, and not infrequently they are German.

We live in a small portable house, a good life, with everything comfortable.

The French treat us wonderfully. The officers of the company are fine. Only one speaks English and he don't come back from leave until tomorrow, so we had a circus between broken French and broken English. One of the sergeants speaks good English and translates explanations. I enjoy the whole business and never felt better.

The ground is frozen and covered with snow, which occasionally gets slippery. I am quite satisfied with my equipment. One wants just enough good strong clothes to get along.

From our position in Belgium we can see the position of recent English offenses.

#### A LETTER FROM CAMP MEADE From Corporal John Argyrios Philli- pides, Serving Under the Selective Draft.

The Editor of the BULLETIN, when recently in President Drinker's office, saw the following letter and insisted on being allowed to publish it for the information of the Alumni, though it was evidently not written for publication. Phillipides, the writer, is a Greek by birth, the son of a judge in Greece; he came to America some years ago, and at first worked in the coal regions, and then with the Bethlehem Steel Company. In August, 1916, he applied to President Drinker for permission to enter Lehigh for the course in Chemical Engineering and in view of the special facts of his case he was admitted on trial, and succeeded in making an excellent record in his Freshman year. Having, in his enthusiasm at reaching this land of liberty, taken out his first papers for naturalization, he became liable to the selective draft, and on being called, loyally responded, and was sent to Camp Meade for service, where he now is, having been promoted to a corporalship.

Camp Meade, Md.,

January 20, 1918.

Dear Dr. Drinker:

I am in Camp Meade with the best of spirit. It is impossible to write the kind of treatment we have had. There isn't a thing a man can wish and not have it here. Our officers are

the best and most polite men in the world. Our eats are fine, and with the training we get we will be made men well equipped for after life. It is just what a young man needs and does not know it till he gets it. We learn discipline, exercises, and improve our body and health. We have the best medical men at our disposition, and our sleeping quarters and equipment are the best.

I have taken an insurance policy of \$10,000, payable to myself, which, in case I come out of the war safe, I will keep on, transferring it to other Company. Since my family is independent economically, I make it as my will that in case I die that sum to be used for a graduate of the High School of Volo, Greece, to come and study at Lehigh one of the engineering courses. In case it is not enough, my family will put the required sum above \$10,000, so every year a young man of the graduating class of the High School of Volo, Greece, can come and avail himself of the privileges of education so abundantly available at Lehigh. This will I will file, my will legally, and when it is signed by my Captain I will send it with my War Department insurance policy to your honor for safe keeping and execution after my death.

If I don't die, then I will keep this promise up and my will is to be able and make it good.

It is my last will also to express to your honor my warmest thanks and gratitude for the great interest you have taken in me and believe me, dear sir, that the name "Lehigh" is written deep down in my heart, accompanied by sweet memories of love and good fellowship I enjoyed when I was there.

May God keep your health and preserve you so you can extend your hand to other young men who need assistance and guiding, as you have done to me.

Yours respectfully,

PRIVATE JOHN PHILLIPIDES,  
12th Co., 154th Depot Brigade.

I will be glad to hear from your honor that you are well.

### SERVICE ABROAD

Gifford C. Bakewell, '09, is Captain commanding Co. A, 33rd Engineers, U. S. R., and he is busily engaged in aiding in recruiting this regiment to full strength. He sends the following notice for insertion in the BULLETIN, hoping that many Lehigh men will respond to the call. For men who are registered it is a splendid chance for preferred service.

### JOIN THE 33RD ENGINEERS

General Construction Regiment. Immediate Service Abroad.

There is now forming at Camp Devens, Ayer, Mass., under the command of Colonel Mark Brooke, C.E., U. S. A., a regiment of engineers for general construction work in France. In it are offered to men with construction experience the greatest opportunities of any unit thus far organized. Construction superintendents and foremen, civil and mechanical engineers, surveyors, clerks, timekeepers, paymasters, stenographers, storekeepers and supply men, etc., are needed. Men showing ability and qualifications will have the chance to become non-commissioned officers, ranking as high as master engineer, senior grade, the highest in the service. As soon as the personnel of the regiment is completed and the equipment shipped, it will be sent "over there," where men desiring to enter the big field which will be open after the war will get an inside chance to "get the lay of the land" and learn the French language and customs. It is hoped that a large number of college and technical graduates will volunteer.

Men of draft age may join by applying by mail to Headquarters, 33rd Engineers, Camp Devens, Ayer, Mass. State age, address, occupation, draft status and number, name and number of local board, and signify desire to volunteer for immediate service in this regiment.

Men not in the draft, between 31 and 41, may enlist at the nearest U. S. Army Recruiting Station, specifying that they are enlisting for service with the 33RD ENGINEERS.

This is Entirely a Volunteer Organization.

## COLLEGE ACTIVITIES

### REVIEW OF FOOTBALL SEASON

Perhaps the strongest offensive team in Lehigh's history, but certainly far from a strong one on defensive. That in a sentence sums up the team at the close of the season. At the start it was hard to gauge what the season would produce in the way of a team. Fifteen of the twenty-three men awarded the "L" in 1916 had left college. Of the total of twenty-eight men in college in the Fall of 1916 privileged to wear the football "L," twenty-one had left and of these fourteen had entered the Army or Navy. It might be added that five of the 1917 team have already enlisted for Aviation. Four of these were also members of the 1916 team so the total of "L" men from the last season before the war who are now in the service is eighteen.

The Freshman material was good, however, and Keady set to work with a will to whip a team into shape. The Pittsburgh game came too early for him, however, and our green team was badly beaten. The Georgetown game followed and through lack of confidence in themselves our team lost a game which they should have won. In the Muhlenberg game they finally found themselves and from that time on were a team that could have made things interesting for any team in the country. Defeating State College by a score of 9-0 on State's own field showed their real class. State had a team which in games against Dartmouth and Pittsburgh had extended those teams to the utmost to nose out a victory, with the victors in each case having the advantage of playing on their home grounds. So we approached the Lafayette game with real confidence and the result was the biggest score made by either team in the long season of 51 games played by Lehigh against Lafayette.

The outstanding feature of the 1917 Lehigh team was its wonderful offensive backfield. Herrington at quarter, Maginnes, Halstead, Savaria and Lind, halfbacks, and Wysocki at full, made what was probably the best ground-gaining combination in the

country last year. The line, with Early at center, MacDonald, Rhoad and Maginnes, guards, Johnson, Spagna and Booth, tackles, and Young, McCarthy and Saxman, ends, was spendid in offensive work. Our tackling was weak throughout the season, but after the offense got working the weakness was not noticeable, and Yost's exploded theory that "a good offense is the best defense," seemed at times almost correct.

A list of the games, with final scores, is attached. The following men from the squad were awarded the "L": Halstead, Wysocki, Spagna, Early, MacDonald, Johnson, W. V. McCarthy, Young, Saxman, Herrington, Savaria, Lind, W. D. Maginnes, Rhoad, Booth, A. B. Maginnes and Manager Alden. Those awarded "L. A. A." were Nolan, Owen, Tomlinson, Goldman, Pfeiffer, Stanier, Lare, Lucas, MacNamara, Apgar and Straub. G. R. MacDonald was elected Captain for 1918, but as he has been accepted for Naval Aviation, he is not likely to be in college next year.

### SCHEDULE.

Sept. 29	Lehigh... 7	7th Regt. U.S.A.. 0
Oct. 6	Lehigh... 13	Ursinus ..... 6
Oct. 13*	Lehigh... 0	Univ. of Pitt... 47
Oct. 20	Lehigh... 6	Georgetown ... 17
Oct. 27	Lehigh... 33	Lebanon Valley.. 7
Nov. 3	Lehigh... 47	Muhlenberg .... 0
Nov. 10*	Lehigh... 9	Penn State..... 0
Nov. 17	Lehigh... 34	Penn. M. C..... 6
Nov. 24	Lehigh... 78	Lafayette ..... 0

Totals ..... 227 83

\* Out of town games.

### Basketball

The record of the basketball team has so far (up to February 16) been 7 games won and 6 lost. The team at times shines brilliantly but does not, so far, class with last year's star team. However, a steady improvement is being shown, as indicated by the fact that Georgetown, who won rather easily on January 16, was beaten by Lehigh on Feb. 9, and then the strong Seton Hall and Pittsburgh teams were easily vanquished. The balance of the schedule is hard but should the team continue to improve they can hope for victory in a majority of the games. The only member of last year's team

playing is Wysocki. The new men are Hess, Donovan, Straub, R. McCarthy, Savaria, Maurer, Ketcham and Frain. W. V. McCarthy is Captain but was declared ineligible about February 1, owing to scholastic deficiencies. However, he is a great help to the team in coaching.

	Opp.	L.U.
Dec. 15 Lebanon Valley.....	23	28
Dec. 19* Moravian College.....	32	41
Jan. 2 U. S. A. A. C.....	16	44
Jan. 5* Navy .....	30	18
Jan. 9 Muhlenberg .....	17	26
Jan. 12* State .....	44	29
Jan. 16* Georgetown .....	37	26
Jan. 19 Lafayette .....	37	32
Feb. 2 State .....	36	29
Feb. 6* Crescent A. C.....	22	11
Feb. 9 Georgetown .....	26	28
Feb. 13 Seton Hall.....	22	37
Feb. 16 Pittsburgh .....	26	39
Feb. 20* U. S. A. A. C.....		
Feb. 22* Pittsburgh .....		
Feb. 23* W. and J.....		
Feb. 27 New York Univ.....		
Mar. 2* Army .....		
Mar. 9 Lafayette .....		

\* Indicates games away.

Captain—W. V. McCarthy.

Manager—J. P. Ambler.

Coach—None.

### Wrestling

The wrestling team was hard hit by the war. Not a letter man remains in college and out of last year's squad of eleven men, nine are in the Army and Navy. The new material is good and under the able tutelage of "Billy" Sheridan the team will doubtless improve greatly before the Intercollegiates, held the latter part of March. They have won two meets against the Allentown Y. M. C. A. but were badly defeated by the Navy. However, the score in that meet does not indicate the closeness of the contest, for of the seven bouts, five required the limit for a decision and the Navy only registered two falls. The Navy team is very strong, defeating University of Pennsylvania by a larger score than they did Lehigh. The University of Virginia team, which wrestled Lehigh in February, could do nothing against Sheridan's pupils, losing the entire six bouts on falls, few of the bouts lasting more than two and one-half minutes. Reynolds, Bevier, Wuerz, Johnson, Latimer, Manly and Booth are all promising members of the squad.

	Opp.	L.U.
Jan. 2* Allentown Y. M. C. A....	5	16
Jan. 30 Allentown Y. M. C. A....	11	19
Feb. 9* Navy .....	25	4
Feb. 16 Univ. of Virginia.....	0	30
Feb. 23 Univ. of Penna.....		
Mar. 2 Central Y. M. C. A.....		
Mar. 9* Penn State.....		
Mar. 16* Columbia University....		
Mar. 22-23 Intercollegiate Meet. (At Columbia.)		

\* Indicates meets away.

Captain—Michael Repa. (In army.)

N. R. Reynolds, acting Captain.

Manager—S. B. Downey.

Coach—William Sheridan.

### Baseball

Last year Lehigh had the strongest college team in the country, but Keady faces a hard task this year with only one "L" man left and a short season in which to develop new men. Six of the thirteen "L" men are now in the Army or Navy. E. Twombly has been signed by the St. Louis Nationals and "Speedy" Lees, the crack catcher, has signed a contract to play with the Chicago "White Sox." "Allie" Connell, elected Captain of this year's team, is at Camp Meade. N. Mathag, '20, the only "L" man left, will captain the team. J. H. Wagner, '19, and Morris Lawrence, '19, have been elected Manager and Assistant Manager, respectively, to take the places of the regular Manager and Assistant Manager, E. C. Davidson, '18, and J. J. Shipherd, '19, who have both enlisted. Savaria, Donovan, Pfeiffer and Nolan seem to be the most promising of the new material, while Scott, Wysocki, Beck, R. McCarthy, Coffin, Barefoot, and Straub all showed promise last year.

Mar. 30 Albright.	
April 3* Army.	
April 6 Catholic University.	
April 10* Navy.	
April 13* John Hopkins.	
April 17 Seton Hall.	
April 20* Penn. State or Univ. of Penna.	
April 24* Fordham.	
April 27* Lafayette.	
May 1* Swarthmore.	
May 4* Lafayette.	
May 8 Open.	
May 11 Lafayette.	

\* Indicates games played away.

### Lacrosse

A very short schedule has been arranged in order to conform with the shortened collegiate year. The La-

crosse teams in all the colleges are lacking in material, but the decision was reached at a meeting of the Inter-collegiate Lacrosse Association in New York in late December, to play a regular schedule of championship games. It was also decided to take steps to promote the playing of lacrosse in the Army Camps. Lehigh starts the season with only one man, R. C. Alden, left from last year's squad. Of the 15 "L" men, 13 are now in the Army or Navy. Jacob, Manager for this year's team, has already passed his examinations for aviation. Alden graduates in April, so after the first game there will be no player left from last year's squad.

April 13 Swarthmore.

April 20\* University of Pennsylvania.

April 27\* Crescents.

May 4 Yale.

May 11\* John Hopkins.

\* Indicates games played away.

### Track

It is too early to say what can be expected of the track team. Certainly the prospects are not bright for much of a season. However, an effort will be made to develop a team and arrange some meets. About half of last year's "L" men are in the service and few of the rest are left in college.

### Soccer

The severe weather, coupled with heavy snows, cut short the soccer season. The first game played was with Lafayette and Lehigh was defeated. In a game with the strong Haverford team, Lehigh surprised her supporters with a victory. Both these games were played before the first heavy snow and there have been no games since.

### RADIO SCHOOL AT LEHIGH

Seniors Trained for Signal Corps,  
U. S. A.

At the request of the War Department, Lehigh has installed a Radio Course, as prescribed by the U. S. Government, with the object of training her Seniors for this important branch of Army work. The work is being carried out by the Electrical Department, under the direction of Professor Esty, who has substituted

this work for the regular second term Senior work, so that men will be training for important army work while completing their college course.

The purpose of this course, which has been installed in the various approved colleges in the country, is to bring the Radio Personnel of the U. S. Army up to war standard. Both the French and English armies have a large number of officers and men engaged in this type of work. The work will be classified under three heads: Research, Design and Installation, and the men will be trained in all three of these branches. After the men have completed the course at the University they will be sent to a sort of finishing school, where they will undergo further instructions under the U. S. Army officers. The men who attain a proper standard of efficiency will be given warrants as non-commissioned officers in the Signal Corps. If the student shows exceptional promise, he will be recommended for a commission. After the men have been in service for a stated time they will be permitted to take the examinations for commissions.

### BIG APPOINTMENT FOR PROF. F. P. M'KIBBEN

Has been Named by Government as an Expert in Lecture and Recruiting Service of the Industrial Service Department of the Emergency Fleet Corporation

Early in January announcement was made of the appointment of Prof. Frank P. McKibben, head of the Civil Engineering Department of Lehigh University, as expert in lecture and recruiting service of the Industrial Service Department of the Emergency Fleet Corporation, which is under the United States Shipping Board. The government seeks 200,000 additional workmen for building ships to meet war conditions and Prof. McKibben has been called upon to take charge, in particular, of propaganda to make college and technical school students of the country acquainted with the opportunity for patriotic service presented in this line of work. He has prepared lectures both technical and popular, to be delivered at colleges

throughout the United States by himself and other speakers.

Continuing his connection with Lehigh University and with Bethlehem as his headquarters, Prof. McKibben will speak at many Eastern colleges and technical schools during the winter and spring. His itinerary for January included Rutgers College, University of West Virginia, Pennsylvania State College, Carnegie Institute of Technology, Lafayette College, Dickinson, Haverford, Temple University and other Pennsylvania institutions of learning. On January 25, he started for the Pacific Coast to continue the work there. The lectures comprise a popular presentation for general audiences of America's need for ships to win the war and a somewhat detailed exposition, for technical students, of the design and construction of ships.

Prof. McKibben's appointment to government service in this work came in part as a consequence of wide attention attracted by the new course being given Civil Engineering seniors at Lehigh in Ship Construction and Ocean Transportation. This course is based upon Prof. McKibben's earlier work—he taught classes of civil engineers and naval constructors at Massachusetts Institute of Technology in structural steel as applied to ship design—and also upon recent study of ship building methods and equipment at Atlantic coast ship yards.

#### Alumni Archives

The Archivist, P. A. Lambert, '84, reports that the following men have responded to the call in the November BULLETIN asking for contributions of certain copies of "Epitomes," "Alumni Proceedings" and BULLETINS, to fill out the Archives:

S. S. Shive, '04, "Proceedings" and 1912 "Epitome."

R. B. Knox, '93, "Bulletins."

R. D. Kavanaugh, '04, "Proceedings."

Moriz Bernstein, '96, "Bulletins."

H. Kemmerling, '91, "Proceedings."

1918 "Epitome" Board, "Epitome."

P. A. Lambert, '83, "Epitomes."

In consequence the Archives now boast complete sets of "Proceedings," "Bulletins" and "Epitomes."

#### BACKING UP THE LINE

J. Davis Brodhead, '85, former Congressman and Judge, was appointed, on November 15, chief of the division of banks and trust companies in the new national department of alien property, of which A. Mitchell Palmer is head. It is in effect the formation of the largest trust company in the world by the Government for its own benefit and protection.

This new department is created under the trading-with-the-enemy act, the object of which is to place in the possession of the Government property in this country belonging to alien enemies or their allies.

Prof. H. H. Stoeck, B.S., '87, E.M., '88, head of the department of mining engineering, University of Illinois, has been appointed a member of the Advisory Council of the Illinois Section of the U. S. Fuel Administration.

W. F. Keisel, jr., M.E., '87, Assistant Mechanical Engineer of the P. R. R., has had charge of the designing of armored cars, troop trains, hospital trains and other rolling stock for the U. S. Government.

Pershing calls for thousands of orthopaedic surgeons and the answer is, "There are only 200 in the country." Well we must make them then, just as we make officers and privates of the line. And certainly there is no one better fitted to give an intensive course in this branch of surgery than Dr. Henry W. Frauenthal, A.C., '89, who is probably the best known and most skillful physician and surgeon in New York in the treatment of deformities and joint diseases. So in the Hospital for Deformities and Joint Diseases, at 1915-1919 Madison Avenue, New York, he is conducting six weeks courses for special training of army surgeons. This hospital is a monument to Dr. Frauenthal's energy and public spirit, having been built up under his fostering care in ten years from a tiny start to a plant expending \$150,000 a year and treating, in hospital and dispensary, upwards of 10,000 cases a year.

S. D. Warriner, B.S., '90, E.M., '90, Trustee of Lehigh University, President of the Lehigh Valley Coal Co.

and one of the Lehigh and New England R. R. Co., has been made Chairman of the General Committee of Anthracite Coal Operators. This committee is acting in co-operation with the Fuel Administration at the present time and its duties are an outgrowth of the work formerly done for the Council of National Defense, of which council Warriner is a member. The work is to speed up production, take care of distribution and generally to co-operate with the Federal authorities in meeting the war conditions.

The "Iron Age" of January 10, 1918, announces that Herman Schneider, B.S., '94, dean of the Engineering College, University of Cincinnati, has been appointed Director of the Industrial Section of the Ordnance Department, United States Army. He will make his headquarters in Washington, but will not sever his connection with the University and will remain the directing head of the Engineering College, returning at intervals to supervise the work of the college. Dean Schneider will have charge of the statistical and legal divisions, supplying and distribution of labor, housing of Government employees, plant organization, labor adjustments and women in industrial labor.

Alan Dodson, B.S., '00, Vice-President of the Weston Dodson Co., is Chairman of the Statistical Committee of the Anthracite Coal Operators' General Committee. The importance of this sub-committee is evident as naturally all the work of the General Committee must be based on the findings of the Statistical Committee.

Professor Joseph Daniels, M.S., '08, Assistant Professor of Mining Engineering and Metallurgy of the University of Washington, at Seattle, Wash., has been assisting the Federal Fuel Administrator for the State of Washington, Mr. David Whitcomb, in fixing on the fuel prices for that State. Washington has a wider variety of coals than any other State in the Union and an accurate price fixing could not be undertaken until a definite classification was made. Prof. Daniels accordingly undertook the

task of classification and at the end of ten or twelve weeks of intensive work a scale of prices was ready to be submitted to Dr. Garfield to take the place of the inadequate and unscientific scale originally adopted.

Theodore Nagel, M.E., '08, formerly Vice-President of the Chilean Development Corporation, became, in December, 1917, Engineer for the Air Nitrates Corporation, agents for the U. S. Government for the ammonium nitrate plant to be designed and erected at Mussel Shoals, Ala.

Dr. C. O. Mailloux, Sc.D. (Hon.), '14, is Chairman of the American Electrical Committee for France, who are engaged in raising the 37th (Elec.) Engineers for work in our expeditionary force. H. W. Byllesby, '78, and L. B. Stillwell, '85, M.S. (Hon.), '07, Sc.D. (Hon.), '14, are other Lehigh members of this Committee. Within twenty-four hours of the time the War Department called on this committee for aid, recruiting was started by them in twenty-one different cities. Within four weeks the first battalion of 750 men was ready to sail to France and it is expected to raise nine more battalions to follow, one about every two weeks.

Asa E. Phillips, '90, has been placed by the Government at Newport News, Va., in charge of construction work for the port of embarkation of the U. S. Army. Previous to this he was a member of the committee who planned the thirty-two big training camps of the National Army, having special supervision over the problems of sanitation and sewerage. For this work he was well qualified, having designed and built the District of Columbia's sewerage system. The Washington "Times" of December 14, 1917, commenting on the remarkable efficiency of the District's sewer department, says: "Asa E. Phillips, Superintendent of the Sewer Department, has been thinking for Washington ten or more years in advance. Had he not, this sudden increase in population would have been confronted by snarls in the drainage system. But for many years Mr. Phillips has been



working for the Washington of the future, which accounts for the fact that there is never a kick or protest against his department."

William Jennings, '90, President of the Commonwealth Trust Co. of Harrisburg, Pa., was Chairman of the Liberty Loan Committee for the District in which Harrisburg is situated. To his untiring effort is due much of the success of bond sale in that district.

Lewis D. Rights, '93, Contracting Manager for the Schuylkill Valley Bridge Works, has been elected Secretary-Treasurer of the War Service Committee of the Steel Fabricators of the United States. Rights has opened an office in the Munsey Building in Washington, where he is carrying out the policy of the steel fabricators in placing every facility of their plants at the disposal of the Government to aid in production of war materials.

Frank Faust, jr., E.E., '94, formerly Superintendent for the American Car & Foundry Co., at Berwick, Pa., has been promoted to Assistant District Manager of the Buffalo District. The company has taken on a contract for manufacturing 900,000 155 m/m shells and Faust will have active charge of this manufacturing.

E. A. Pittis, '95, is the Chief Statistician of the Production Section, Gun Division, Ordnance Department, with offices at 1333 F Street, Washington, D. C. He is serving on the patriotic basis, answering a call by Major H. A. Gillis in August, 1917. He was sworn in on September 7 but decided to stay on the civil list instead of taking the commission offered him. In other words, he passed up an officer's commission and pay because all he was looking for was a chance to serve.

William Warr, E.E., '95, an expert in conveying machinery, has given much of his time during the Fall and Winter to the Supply Division of the Ordnance Department, working on the design and selection of apparatus for the handling of artillery ammunition.

### **LEHIGH MEN IN THE LIMELIGHT** **Continuous Officers' Camps Proposed**

On November 21 the Training Camps' Association, of which Dr. Drinker, '71, is President, sent a proposal to the Secretary of War covering a system of continuous schools or camps for the training of officers so that there would be a continuous and large flow of qualified officers to supply the deficiencies caused by casualties and by the growth of our army. The "New York Times" of November 26 devoted two columns to sympathetic and approving comment on this proposal, printing in full the letter which was signed by Henry S. Drinker, Pierce Anderson and Langdon P. Martin, the committee for the Training Camps Association.

President Drinker, at the recent annual meeting of the American Institute of Mining Engineers, was elected Vice-President and Director of the Institute. Dr. Drinker, when at Lehigh in 1871, as a Senior in the Mining Course, attended the first meeting of the Institute, held at Wilkes-Barre in May, 1871, and was enrolled as one of the twenty-two founders of that great Engineering Society. Of the founders, only two now survive, Dr. Drinker, and Mr. W. P. Ward, of New York City.

### **Coleman, '88, Heads Worthington Pump and Machinery Corporation**

C. P. Coleman, '88, has been elected President of the Worthington Pump & Machinery Corporation, New York. Mr. Coleman was Vice-President. The office of President had been vacant since the reorganization of the corporation a year or so ago.

### **Arch. Johnston, '89, Mayor of Greater Bethlehem**

On January 7, 1918, Archibald Johnston, M.E., '89, took the oath as Mayor of the new city of Bethlehem, formed by consolidation of what was once the three boroughs of Bethlehem, South Bethlehem and West Bethlehem. When the consolidation was affected there was a problem to be solved. To start the new city off with

a political fight for place, accentuated by the old jealousies of the three boroughs, would be fatal. Who was there that could unite the sentiment of the three towns? There was not a hesitant voice in making an answer. "Arch Johnston." Naturally to add to his other heavy duties as first vice-president of the Bethlehem Steel Company, the onerous work of acting as Mayor of this new city, did not appeal to Johnston. But when a committee carrying a petition signed by 7,000 voters appeared in his office and told him that the people would be satisfied with no one else, he did the usual "Arch Johnston" stunt and laid aside his comfort for the sake of serving others. The election was really no contest at all. Only several hundred votes were recorded for the other candidates. It is a striking tribute that a man living in a community all his life, fearless in his work and outright in his expression of his opinions, should be so loved and respected that even the old political jealousies were forgotten, and the north-side, where he lives, was no stronger in his support than the south-side, where he works.

assisted in his work by A. H. Frazier, B.A., '89, Secretary of the American Legation in Paris.

### In The Halifax Disaster

Wm. Stewart Ayars, M.E., '96, professor of mechanical and electrical engineering, Nova Scotia Technical College, in Halifax, who has been heading the work in re-education of wounded men returned from the front, had his work in this direction temporarily knocked to pieces by the terrible Halifax disaster. First because practically all of the Technical College was turned over to the Red Cross for a receiving and disbursing headquarters and secondly the Convalescent Hospitals, where the "students" lived, were all converted into receiving hospitals. So all his men were given leave until such time as more normal conditions would make possible resuming the work. None of Ayars' family were injured by the explosion and although the windows of his house were blown out and the doors blown off, the lighting, heating and sewerage systems escaped serious injury.

### Russia and its Relationship to the United States

C. H. Boynton, B.S., '89, President of the American-Russian Chamber of Commerce, recently delivered an address on the above subject before the National Exposition of Chemical Industries. It was our intention to reproduce this address in full in this issue as it is extremely interesting and timely. Lack of space, however, renders this impossible. The keynote of this address is the historic relation of friendship between the United States and Russia and the obligation we owe to aid her unselfishly and generously in this, her hour of grave crisis and difficulty.

### Secretary of American Legation in Paris

The "Philadelphia Ledger" of December 2, 1917, in an article covering the Allies' Supreme Council of War in Paris, states that Colonel House was

### One of Schwab's "Boys of Bethlehem"

Under the above title the "Literary Digest," of November 3, 1917, reviews the phenomenal career of Eugene G. Grace, E.E., '99, now President of the Bethlehem Steel Co. It relates how when someone asked Charles M. Schwab, Eng.D., (Hon.) '14, "Who's going to take your place when you pass along?" Schwab replied, pointing to Grace, "There he is, the best steel-maker in the world." The sketch of his career shows how from an electric crane-man in 1899, at \$15 a week, he became, in 1913, the president of the Bethlehem Steel Company and in 1916, the president of the Bethlehem Steel Corporation, earning (and we say earning advisedly) \$1,000,000 bonus in that year in addition to his Salary. And it is some company that he heads; greater in every way than the great Krupp plant of Germany, it is today one of the most valuable assets of our Government in its fight for democracy. Lord Kitchener, before his untimely death, said that there was no single

agency doing more than Bethlehem to help England win the war. That was in 1915, when Bethlehem employed 23,000 men with a payroll of \$22,500,000 annually. Now their employees number 70,000, with an annual payroll of \$72,000,000.

### **Dynamites His Way Into A Big Job**

Cadwalader Evans, M.E., '01, was in Canada as general manager of the Arcadia Coal Co., when the war broke out and as a result of the big slump came back to the "States" in the summer of 1915, looking for a job. The best thing he could find at the time was a nondescript job with the D. & H. Co., sort of "handy" man. A bad fire in their coal storage, in September, 1915, bid fair to cause tremendous losses, but Evans with some clever use of dynamite got the fire under control. This brought him into the limelight, and in December, 1915, he became assistant general superintendent and in June, 1916, general superintendent, of all mining operations. The results he obtained were so excellent that he was offered and accepted the job of general manager of the big International Salt Co., with mines at Retsof, N. Y., Detroit, Mich., Avery Island, La., and evaporating plants at Watkins, N. Y., Ludlowville, N. Y., and Ithaca, N. Y. An '83 man put the Editor "next," so don't blame me "Cad" if the details are not right.

### **T. S. Visscher, '99, Wins Diploma For Artistic Alteration**

The Fifth Avenue Association, whose president is Robert Grier Cooke, B.A., '84, at their annual dinner announced the winners of the 1917 Awards for merit in Architecture. There was awarded a Silver Medal to the Union Trust Company for the artistic qualities of the building at 425 Fifth Avenue, which, in the opinion of the Association, is a distinct contribution to the appearance of the Fifth Avenue district, and a diploma was awarded to Theodore C. Visscher, '99, Architect of the structure, as a mark of appreciation.

### **Floyd Parsons, '02, Leading Coal Authority**

The "New York Times" of January 23, in a three-column article, featured an interview with Floyd Parsons, E. M., '02, Editor-in-Chief of the "Coal Age." The interview covered a conference which Parsons had with Dr. Garfield on July 22 and in it was the first public announcement of the real reasons back of the famous closing order which had just gone into effect. Also for the first time the additional remedies for the coal shortage and freight congestion which Dr. Garfield contemplated was revealed. In a leading article in the "Literary Digest" of February 2, 1917, entitled, "Expert Advice on What to Do to Get Coal," Parsons is quoted at length, his opinions heading the others.

### **Cunningham, '03, Speaks of Coal Supply**

The "Washington Times" of January 16, 1918, has an interview with Walter H. Cunningham, formerly State Geologist of West Virginia and now Secretary of the West Virginia Coal Association and Secretary-Treasurer of the Kentucky Mine Owners' Association. Cunningham is quoted as saying that in his opinion "West Virginia alone has enough coal to last the people of this country, even with increased consumption, for at least 100 years." Nevertheless he believes the day of cheap coal is past and that the cost of production will increase and not decrease in the future.

### **What Can America Do to Help Devastated France?**

Lehigh has no more distinguished or more enthusiastic son than Cyprien O. Mailloux, Sc.D. (Hon.), '14. Dr. Mailloux is Past-President of the American Institute of Electrical Engineers, and while an American, is thoroughly familiar with conditions in France, having been to France thirty-three times and being a Chevalier of the Legion of Honor. His latest trip was as a member of the American Industrial Commission on a tour of inspection of French industry. The "New York Evening Post" of December 8 and December 15, 1917, pub-

lished two articles by Dr. Mailloux, entitled, "What Can America Do to Help Devastated France?" In these articles he warns his fellow Americans against bumptiousness, saying that French needs, customs and viewpoint must be considered in reconstruction work. It must be borne in mind that the "best engineers in France can at least match our best American engineers in originality and cleverness." Also the difference in French conditions and French psychology must of necessity greatly modify what would be the best practice in America.

Dr. Mailloux offers the following advice to the American engineer desiring to work for or in France:

"Remember that the 'golden rule' will be fully as useful as the 'slide rule.' Put yourself in the place of the Frenchman. Ask yourself how your theories would work if a body of Frenchmen came over here to reconstruct your business. Make sure, at every step, that you do not misunderstand and that you are not misunderstood."

#### W. D. B. AINEY, '87, SUGGESTED FOR GOVERNOR

In discussing gubernatorial timber for Pennsylvania the "Evening Times" of Sayre, Pa., urges the consideration of Hon. W. D. B. Ainey, of the class of '87, now Chairman of the Public Service Commission, and former Congressman from the 14th district. The Philadelphia "Public Ledger," of January 28, says that Ainey is being considered as a compromise candidate to unite the Penrose and anti-Penrose factions of the Republican party. While congressman he made an enviable record. He stood far above his predecessors of late years in service rendered his constituency. His ability was recognized by his appointment on a very important mission to a foreign land. The "Evening Times" says, "High ideals of statecraft, earnestness of purpose, independence of thought and action, indefatigable energy and executive ability are the hallmark of successful governors." Ainey possesses all of them.

Ainey, now Chairman of the Public

Service Commission of the Commonwealth of Pennsylvania, is filling this important and responsible office with great credit to his State. He is possessed with broad vision, he has an insight into legislative needs, is a lawyer by profession and has the faculty of recognizing the difference between good and bad legislation. These qualities, together with his extensive experience in public affairs, places him in a class from which governors should be chosen.

He served two terms in congress, and while congressman was appointed Member of the Foreign Affairs Committee of the House of Representatives and became actively interested in the international organization of members of the parliament of the world, The Interparliamentary Union. In 1912 he was selected to attend a conference of the Interparliamentary Union, at Geneva, Switzerland; and in 1913 was sent as a delegate to the Hague. At the Hague he was instrumental in organizing the Japanese-American Group, composed of members of the Imperial Parliament of Japan and of the American Congress, and became the Secretary.

In 1914, the members of the Imperial Parliament of Japan extended an invitation to him to meet with them in Tokio, and he was made the official delegate by his Congressional conferees. In Japan he was the guest of the Parliament. Later he visited Korea, China, Manchuria, and crossed Siberia, European Russia and the Scandinavian countries during the Russian mobilization. At the conclusion of his Congressional term he was made a permanent member of the Interparliamentary Union in recognition of his foreign service.

Ainey is a distinguished son of Lehigh, receiving from her the honorary degree of Doctor of Laws, in 1916. He has always been active in Lehigh affairs, rendering service for his Alma Mater when called upon.

Lehigh men: If you are interested, write Ainey, urging him to become a candidate for governor. Pass on the slogan—Ainey, '87, for governor—to all Lehigh men in the state and do your bit among your friends.

## LEHIGH MEN WHO WRITE

The Adventures and Letters of  
Richard Harding Davis

The most notable literary production by a Lehigh man in the past several months is "The Adventures and Letters of Richard Harding Davis," '86, by Charles Belmont Davis, '87. In this volume, which is published by Scribners, one has a chance to come close to the life and character of this the most romantic figure among Lehigh's sons. The author has used very little space in explanatory notes, but by careful selection of the letters written by Richard to members of his family has really allowed him to tell his own story. Perhaps those of us who had not the pleasure of knowing Richard Harding Davis, and who are not closely familiar with his adventurous life and brilliant journalistic and literary career, might wish that the letters had been interspersed with more voluminous notes as to the beginning and end of some of the adventures told of so graphically in the letters, and also feel a real desire to know of much of his life which lay between its more striking events. But in a career so filled with important happenings it was not possible in one volume to do more than touch on the intervals between his journeys and campaigns. Certainly few men have had a more romantic and adventurous life. We have all thrilled over the adventures of the heroes of his fiction, but these adventures pale beside those of the author, whose journalistic tasks took him to all corners of the world. Whether it was a coronation or a war, Davis never failed to score, through his steady, persistent and brilliant audacity. Few men have loved home and family more, but this seeker after and finder of romance could never resist the call, when unusual and stirring events were to the fore. In these letters of his, so ably worked into a history of his life by his brother, we find the best romance of the many written by Richard Harding Davis.

## Simon, Son-of-Man

John L. Riegel, C.E., '92, and John H. Jordan are joint authors of "Simon, Son-of-Man," published in December by Sherman French & Co., of Boston, Mass. It is advertised as "the most astounding book of this generation. This book, by showing the Son-of-Man to be one whose real name makes every Jewish heart beat high with honest pride, one who actually was King of the Jews for three and a half years, and even issued a coinage, should destroy the mutual prejudice existing between Jew and Gentile and bring the Jew worshipfully to the feet of the Son-of-Man."

## "Mineral Resources of the United States"

This work was published in 1917 by the Department of the Interior, in two volumes of 1000 pages each, Part 1 comprising Metals and Part 2, Non-Metals. Hiram D. McCaskey, B.S., '93, Assistant Professor of Geology, 1906-'07, is the Geologist in charge of the Division of Mineral Resources and he writes the introduction to this compendium. Also the prefacing note to the reports on gold, silver, copper, lead and zinc. The articles on gold and silver and of quicksilver were also prepared by McCaskey. F. D. Hewett, Met.E., '02, prepared the chapters on manganese and manganiferous ores; and E. F. Burchard, '00, the Geologist in charge of the Non-Metal section, is the author of the chapter on cement, iron ore, pig iron and steel.

Houghton Mifflin Company, of Boston, will bring out this spring a book on "The Bethlehem Bach Choir," by Raymond Walters, B.A., '07, M.A., '13. Registrar and Assistant Professor of English, Lehigh University. It will be a book of about 250 pages, with sixteen illustrations, a companion volume in form to the history of "The Boston Symphony Orchestra" by M. A. DeWolfe Howe, B.A., '86, Litt.D., '16.

Lieut. Colden L.H. Ruggles, E.E., '03, formerly Professor of Ordnance

and Science of Gunnery at the U. S. Military Academy, has written a text book on "Stresses in Wire-wrapped Guns and Gun-Carriages." It has just been published by John Wiley & Sons, New York.

Another recent publication by John Wiley & Sons is "Ordnance and Gunnery," by Lieutenant-Colonel William Tschappat, '05. This book covers the entire subject of explosives in relation to artillery. Col. Tschappat was formerly Professor of Ordnance and Gunnery at the U. S. Military Academy.

Prof. A. W. Klein, M.E., '99, is the author of a new "Kinematics of Machinery," published by the McGraw-Hill Book Co., of New York. Thorough and scientific in detail, it is one of the most scholarly presentations of Kinematics published in this country.

"Elements of Machine Design," by O. R. Leutwiler, Instructor in Mechanical Engineering from 1900 to 1903, is meeting with considerable success, having been adopted as a text book by several universities. It is published by the McGraw-Hill Book Co., of New York.

The "Library Journal" of October, 1917, has an article by Paul M. Paine, C.E., '91, M.A. (Hon.), '13, Librarian of the Syracuse Public Library and a member of the Publication Committee of the ALUMNI BULLETIN. This article is entitled, "The Soldiers' Branch of the Syracuse Public Library," and tells the story of the work done in supplying reading matter for the 20,000 men in the Syracuse Mobilization Camp and other military posts in and near the city.

"The Problem of Artificial Light," by Prof. C. E. Clewell, E.E., '05, in "Industrial Management" for June, 1918, takes up artificial lighting in mills and factories on the basis of a problem in management and shows how to value lighting costs as a proportion of wages. In addition to giving the commercial side of the prob-

lem this article shows several typical factory installments and helpfully points to the probable trend of future industrial lighting policy.

Frederick S. Camp, '91, is the author of "Physical Education and Military Drill: What Should Be Our Policy?" appearing in the October number of the "School Review." The December number of the same publication carries another article by Camp, "Some 'Marks': An Administration Problem." Camp is Superintendent of Schools in Stamford, Conn. A close student of modern methods of pedagogy, he writes ably and pertinently of teaching and administrative problems.

Joseph H. Benner, formerly of the Class of '19, is the author of several boys's stories, "The Lasso Thrower," appearing in the "Young People's Paper," in the November, 1917, issue, and Bobbie, the Medal Boy," in the Philadelphia Sunday "North American" of November, 1917.

"Putting it Up to the President," by Lester Bernstein, '04, Supervisor of Traffic Statistics for the B. & O. Ry., appearing in January, 1918, "Industrial Management," deals first with the faults commonly found in reports made to the chief executive of a company and then gives clearly the proper methods to be pursued.

## AIDS GOVERNMENT IN BUILDING NITRATE PLANT

J. George Lehman, '96, is first vice-president and general manager of the Bethlehem Foundry & Machine Co., who are building the apparatus for the Synthetic Ammonia Plant for the U.S. Government nitrate plant at Sheffield, Ala., where nitric acid will be manufactured directly from the air. This company is also making large quantities of apparatus for the manufacture of smokeless powder and toluol. They specialize largely in machinery for chemical plants.

**LEHIGH EMPLOYMENT BUREAU**

(Send all letters to ALUMNI BULLETIN.)

**Positions Open**

**WANTED**—A young engineer (or graduate of the present Senior class) for commercial analysis and research by a large advertising company in New York City. A position of a statistical character, requiring a young man with vision and imagination. Also one or two men for work in the field. Selling ability necessary.

**WANTED**—A couple of young engineers for designing work in the office of a company doing reinforced concrete work. An excellent chance to learn reinforced concrete designing. Salary, \$90 to \$125 a month.

**WANTED**—A structural engineer with estimating and designing experience and selling ability for the sales office of a structural steel company in New York City.

**WANTED**—One, or possibly two, chemists for a plant in California making Ferro Manganese, Ferro Silicon and Ferro Chrome. Salary, \$125 a month.

**WANTED**—Mechanical draftsmen familiar with industrial plant layout, preferably men with elevating or carrying-machinery experience. Salary, \$125 to \$175 per month. State age, nationality, technical education and experience.

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**Positions Wanted**

**WANTED**—By a C. E. graduate holding an executive position in the Middle West, a position in the East with a company doing concrete or reinforced-concrete work. Minimum salary, \$250 a month.

**WANTED**—By a B.S. (in Mining and Metallurgy) graduate with long and varied experience in hard and soft coal mining, including designing and construction, examinations and reports and advice on construction and development, a position in the office organization of a coal company. Field work not desired but a position involving some field work would be considered or a position in an editorial

capacity on a mining trade journal would be attractive, as the engineer in question has done considerable writing and editorial work.

**WANTED**—A structural engineer of 15 years experience, at present holding a responsible position, wishes to locate in New York City. Can qualify as chief draftsman, designer and estimator or contracting engineer.

**WANTED**—By an E.E. graduate, a position in electrical work, preferably of a scientific nature. Fifteen years experience. At present in different line and wishes to get back to electrical work.

**WANTED**—By an M.E. graduate, class of '06, a job in construction or machine shop work. Has had experience as Superintendent of the shell-forging department of a Canadian company with large shell contracts.

**WANTED**—By an '04 graduate with a B.S. (in Chemistry), a position in a business or executive capacity. Has had considerable experience with zinc and paper companies in responsible positions.

**WANTED**—By an M.E. graduate of the class of '00, a position as superintendent of steel plant or forge shop. Has had the experience and demonstrated his capacity in such positions.

**WANTED**—By a C.E. graduate of 1904, at present in Maintenance of Way Department of large railroad, a position in construction or industrial lines. Large experience in engineering construction and in handling labor. Minimum salary, \$200 a month.

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**Lehigh Men Seek New Quarters**

The U. S. Government has taken over the Hamburg-American Line Building at 45 Broadway, New York City. In consequence, S. B. Knox '93, of the Fort Pitt Bridge Works, has moved to 29 Broadway and Clarence W. Hudson, '89, Consulting Engineer, to 15 Park Row. Kindly note this change in their advertisements. L. D. Rights, '93, of the Schuylkill Valley Bridge Works, has not yet advised us of where his office will be located in the future.

## News of the Local Alumni Clubs

### L. U. Club of New England

Herman H. Davis, M.E., '92, Secretary of the Lehigh University Club of New England submits report of a meeting held at the Boston Architectural Club, 16 Somerset Street, Boston, Mass., on October 5, 1917.

A small but congenial bunch gathered at the Great Hall, and after disposing of a very excellent meal, the business of the meeting was attended to.

The meeting was called to order by President Hartshorne.

Minutes of last meeting were read and approved.

Executive Committee reported progress.

Report of the Treasurer was read and accepted.

The accounts were audited and found to be correct.

Letters were read from Walter R. Okeson, Secretary of the L. U. A. A. Inc., stating his inability to be present on account of conflict of date with meeting of Board of Directors of the Alumni Association. Everyone enjoyed hearing his letter and are looking forward with pleasure to seeing him at our next meeting.

Those present were: Stephen P. Sharples, Instructor in 1867-8; W. D. Hartshorne, '74; H. W. Rowley, '85; Dr. M. A. DeW. Howe, '86; H. H. Davis, '92; D. K. Dean, '06; F. R. Wheeler, '06; A. O. Fulton, '08; H. Reimers, '11, and E. W. Garges, '16.

One of the features of the evening was the presence of Mr. Sharples who was an instructor in 1867-8.

He recalled some very entertaining experiences, which were enjoyed by those who heard them.

### Southwestern Lehigh Club

On October 15, the first luncheon of the year was held and most of the members in the vicinity of St. Louis were present. Dr. Drinker attended and received a warm welcome. At the second luncheon in December, it was decided that in view of the fact that less than a dozen men could be counted on, no annual dinner be held. The

number of Lehigh men in St. Louis is small even in ordinary times and at present is greatly lessened by the enlistments in the army and navy.

### New York Lehigh Club—Election of Officers

A meeting of the Board of Governors of the New York Lehigh Club was held at the Engineers Club, on November 26, 1917. The October meeting of the Club had elected the following new members of the Board to serve until 1920: G. R. Enscoe, '96; Francis Donaldson, '01; William Warr, '95; George L. Yates, '97; J. T. Morrow, '89; E. S. Colling, '12, and E. Quincy, '13. At the meeting of the Board it was evidently decided to put the new men to work, for the following officers were elected:

President, J. T. Morrow, '89; Vice-President, Francis Donaldson, '01; Treasurer, Edmund Quincy, '13; Secretary, E. S. Colling, '12.

A motion was unanimously adopted giving a vote of thanks to Aubrey Weymouth, '94, for his great work as President.

### Lehigh Club of Canada

S. C. DeWitt, '95, Secretary of the above Club writes as follows, under date of January 15, 1918.

"We are sorry that we have found it impracticable to hold the Lehigh Club of Canada together owing to the large number of Lehigh men who have either gone back to the United States or are in the fighting line. We have only three Lehigh men in Toronto. So far as I know there are none left in Montreal.

"At a meeting held on January 8, it was decided to discontinue the existence of the Lehigh Club of Canada. Mr. Ayars, the Treasurer, who resides at Halifax, was notified that any cash in the treasury be turned over to charity."

Yours truly,

S. C. DeWITT,

Late Secretary of the Lehigh Club of Canada.



### L. U. Club of Central Pennsylvania

The Fall smoker and meeting of the Lehigh Club of Central Pennsylvania was held Thursday night, November 8, 1917, in the club rooms of the University Club of Harrisburg, with a good attendance of Lehigh men from Harrisburg and vicinity. The York contingent which is usually prominent at the meetings of the Club was absent on account of the presence of Prof. Frank McKibben before the Engineers' Society of York.

After refreshments were served in the dining room and the members of the Club had an opportunity to get acquainted or renew acquaintances, Mercer B. Tate, prominent in Harrisburg's military demonstrations and active in Red Cross work, led a charge in the parlors where comfortable chairs were captured and the members settled down to hear messages from Lehigh and Lehigh men.

Dr. Drinker, in a stirring talk, pointed out the great need for college trained men both during and after the present war, and declared that men trained in business and engineering are needed as well as sharpshooters by the government at the present time. He also spoke about the big part played by Lehigh in the Summer Training Camps Association.

William Jennings, of the class of '90, who was chairman of the Liberty Bond Campaign Committee, was called on and in his talk laid special stress on the duty of Lehigh men and all men who were unable to go to the front to join actively in some of the "sideline movements" going on in civilian life.

"Okie" was then presented and gave evidence that Lehigh is making splendid use of him. He discussed various phases of war activities in which Lehigh has embarked.

Those present were W. J. Collier, '95; T. O. Beitzel, '10; J. P. Croll, '99; F. V. Larkin, '14; C. L. Butler, '15; Mercer B. Tate, '90; W. D. B. Ainey, '87; C. E. Ryder, '05; Andy Farabaugh, '04; Harry Motter, '13; J. H. Myers, '96; Wm. Jennings, '90; W. S. Heister, '97; M. H. Ulman, '07; Howard Reel, '08; Warren B. Keim, '95; J. J. Donegan, '08; R. G. Kirk, '05; Percy L.

Grubb, '01; Dr. Henry Sturgis Drinker, '71, and Walter R. Okeson, '96.

### Southern Anthracite Club

On the evening of November 1, 1917, in the Pottsville Club, was held the Fall meeting of the Southern Anthracite Club, with Dr. Henry S. Drinker and Walter R. Okeson as guests. President H. E. Atkins, '91, presided, and registered a decided complaint against the world in general, because floods in the near-by mines kept some of our mine owners and mining engineers away from the meeting. However, the score of Lehigh men present certainly had a real "Lehigh" evening, and from 8 o'clock until 12 the general discussion of the past, present and future of our college never slackened. Even when the delicious "Dutch" lunch was served, there was no let-up in the talk. Every man proved himself Lehigh-bred by being able to consume beer, cheese, etc., without allowing such consumption to interfere in the slightest with his determination to talk. It is doubtful if a Lehigh meeting was ever held which was more thoroughly informal and the result was a delightful evening.

Many of the men were strangers to each other at the start but before the evening was over you would have thought them a crowd from the same class, enjoying a reunion. Of course no crowd could long remain stiff and formal with President H. E. (Hank) Atkins and Secretary A. W. (Rasty) Wright in charge. Furthermore, the talk was pregnant with real ideas for the advancement of Lehigh and the discussion was frank and participated in impartially by all from the oldest to the youngest. It is to be hoped that those members who missed this treat will not fail to attend the Spring meeting.

### Northeastern Pennsylvania L. U. Club

The second meeting of the year was in the form of a dinner at the Hotel Sterling, in Wilkes-Barre, on November 21, 1917. Naturally being on the eve of the Lafayette game much of the talk centered on that event. While the comment was most hopeful no one

approached in his guess as to the outcome within miles of the real score. Of course President D. H. Jenkins, '88, presided and for fear the Scranton contingent would not be present he had piled most of them in his car and brought them over. Besides the President, George W. Engel, '92; Henry Kemmerling, '91; John M. Beaumont, '92, and A. J. Wiegand, '15, were present from Scranton. Wilkes-Barre contributed H. H. Otto, '12, the Club Secretary; Elmer Lawall, '82; John M. Humphrey, '89; E. J. Newbaker, '98; E. Schwartz, '07; Merle I. Terwilliger, '12; Paul S. Warriner, '10, and J. R. James, '06. Atherton Bowen was present from West Pittston and Walter R. Okeson, the Alumni Secretary was also there. However, the latter's character of Alumni Secretary was entirely forgotten because he was supposed, as an old football player, to have some inside dope on the team and the outcome of the game. By request he was asked to devote his speech largely to football, and he was able to do that without a visible effort.

The Northeastern Pennsylvania Lehigh Club has contributed so many members to the war and those who are left are so busy that it was decided not to hold the usual January meeting.

A heart to heart talk on the affairs of the Club revealed the fact that the virile spirit which has always distinguished the Northeastern Pennsylvania Lehigh Club was in no way lacking. The fact of so many members being at the front did not discourage the members present from undertaking to complete some of the projects started when the Club was larger. The Old Guard is still in the saddle and does not propose to let Lehigh take a back seat in Northeastern Pennsylvania. More power to them!

#### L. U. Club of Western New York

Certainly President H. H. Sigison, '95, and Secretary D. H. Childs, '98, know how to pull off a successful dinner. They had the secret when they chose a small dining room in the Touraine, in Buffalo, to hold the Fall meeting, on November 13. The result was to have everyone in such

close community that there could not help but be complete sociability. However they almost got caught, for so many more came than had sent acceptances that it looked, for a while, as if it would be necessary to adjourn to a larger dining room. Fortunately after some good natured jostling and "joshing," everyone got a seat and there followed a dinner so pleasant that those present are not likely to miss the next one. The only flaw in the evening's pleasure lay in the fact that Dr. Drinker had to leave early to catch the night train to Washington, to keep an appointment with Secretary of War Baker, at 11 o'clock the next morning. In addition to Dr. Drinker the Club had as guests the University Chaplain, S. N. Kent, who was serving at that time as religious director in the Niagara Training Camp and Walter R. Okeson.

All of the guests made speeches, but it was not so much the speeches that marked the occasion as the general discussion that followed. It is seldom possible to have a discussion in which every man present participates, but in spite of the number there, the small room made it possible for a remark in an ordinary conversational tone to be heard by every one. Such meetings as this one will tend to promote closer relationship between Lehigh men and enable them to crystallize, through discussion, ideas which, when once they reach a concrete form, will do much for the advancement of Lehigh.

A business meeting was held late in the evening at which D. H. Childs, '98, was elected President, and W. D. Sanderson, '08, Secretary of the Club.

#### Lehigh Club of China

Yen Te Ching, C.E., '01, Managing Director of the Canton-Hankow Ry., China, with headquarters at Wuchang, China, writes that a Lehigh Club has been formed in China and that he has been honored by being elected its first President. There are over twenty Lehigh men in that country and while it is difficult for them to meet, scattered as they are, he says "we are devising ways and means to keep in closer touch with one another so as not to

jose any of our Lehigh spirit." He asks for the address of his class secretary. Our records show the Secretary of the Class of 1901 to be William A. Ehlers, of 61 Broadway, New York City. How about it, 1901?

### NEW LEHIGH CLUB FOUNDED Lehigh Men in Cuba Meet in Havana, January 6, 1918

Lehigh Alumni in Cuba held a meeting at Havana, on the 6th of January, 1918, with the purpose of founding a Cuba-Lehigh Club.

Meeting was attended by:

E. A. Giberga, '95; J. del C. Escobar, '91; R. F. Sanchez, '98; A. D. Barrientos, '98; C. E. Martinez, '01; J. A. Buch, '06; E. Beato, '08; C. Lopez Cespedes, '12; M. I. Galainena, '14; E. C. Castellanos, '14, and P. T. Cardin, '08.

Letters were received assuring co-operation of:

J. R. Villalon, '90; H. J. B. Baird, '97; A. J. Sanchez, '01; A. Sanchez, '00; A. A. Goytisolo, '08; E. Nunez, '09; E. Sanchez, '09; A. Trujillo, '13; M. A. Cardenas, '09; D. H. Rosell, '16, and R. Buch, '20.

Escobar, '91, presided. Resolutions were passed founding a Cuba-Lehigh Club, and creating a committee composed of R. F. Sanchez, '98; J. A. Buch, '06; E. Beato, '08, Secretary, and E. C. Castellanos, '14, to frame by-laws, carry on correspondence, etc., as well as all further measures necessary to call a future meeting where the constitution can be approved and officers elected.

Correspondence shall be addressed to Secretary, Cuba-Lehigh Club, Paseo de Marti no. 76, Havana, Cuba.

### PHILADELPHIA LEHIGH CLUB Silver Jubilee

On Friday night, January 25, 1918, nearly two hundred members of the Philadelphia Lehigh Club met to celebrate the twenty-fifth anniversary of the founding of this local club of Lehigh. The gold banquet hall in Kugler's famous restaurant was magnificently decorated with the national colors to receive them, for this was to be a "War Dinner," and, as President

DuBois, '92, called on the successive speakers, the splendid planning of the program became apparent, for almost every phase of the war was touched on and we learned, at first hand, of the conditions on both the eastern and western fronts.

The first speaker of the evening was Lieut. Hector MacQuarrie of the English Army. His speech was mirth-provoking and even the horrors of war were relieved by his smiling reference to the early training in England. But underneath the light, almost quizzical strain, of his talk one felt the terrible agony England went through in those early months when a handful of men held back the German horde. It is the British way to "carry on" with the appearance of supreme carelessness, no matter how impossible the task may seem, but underneath that exterior is always a dogged determination to win through. And perhaps because the speaker so intended it, the Lehigh men present felt and reacted to this bull-dog spirit while they laughed at his humor.

Dr. Drinker followed and spoke briefly of the University and the part it is doing in its daily life and work to aid in the common effort to win the war. The Doctor arrived late, making a hurried trip from Harrisburg, where he had been attending the meeting of the Pennsylvania College Presidents. His entrance was the occasion for an ovation from the big crowd of Lehigh diners.

Dr. E. J. Cattell, City Statistician, a famous after-dinner speaker, made an eloquent address on America's spirit in facing and fighting this war. Then came Lieut. Henri Marquesan of the French Aviation Corps. Lieut. Marquesan has been in this country for five months, being sent over by the French as an instructor for our boys. He said that he had small knowledge of English and that he had never spoken, even in French, to "more than two people at one time." Nevertheless his speech was the feature of the evening, and everybody listened with breathless attention. His remarks were so quiet and conservative that his final statement of the future of the "Liberty Fleet" carried conviction and produced a tremendous outburst

of applause. "In the five months that I have been here I have seen aviation make remarkable progress. In a short time your aviation will be more powerful than the French service. With the quality of men I have seen in your schools there is nothing that cannot be accomplished. We have gotten great results in aviation, but they are nothing to the results that will be secured by your 'Liberty Fleet.'"

Having heard from the Western Front, we now settled back to listen to the story of conditions in Russia by Charles E. Beury, who had travelled throughout Russia and along the battle front during the Revolution. He told of the disorganized conditions but made an earnest plea for patience and sympathy with the Russian people in this hour of their great distress. Then Dr. George W. Stewart, famous for his Red Cross work in Serbia during the first and second Balkan wars, told of conditions in the Serbian Army at that time, and of the horrors of warfare conducted without any of the modern appliances for military or civilian relief.

Then Lehigh was given the opportunity to hear from one of their own men, Roger D. Halliwell, '18, just back from France, where he had served in the French Army in a unit of the American Ambulance. Halliwell expects to go back to France soon as an Observer of Trench Warfare in the Ordnance Corps of our own army. His address, which he cut short on account of the lateness of the hour, was full of snappy descriptions and stories of the front. Perhaps the one most enjoyed was of the Irish Sargeant who called down into a dug-out full of Germans, "How many of yez are down there?" "Twelve," came an answer. "Share that amongst yez," shouts Pat as he chucked a bomb through the doorway.

The final speech of the evening was by Walter R. Okeson, the Alumni Secretary, who told of the 700 Lehigh men in the service, and spoke particularly of Donald MacIsaac, '17, the Lehigh boy who had distinguished himself at Cambrai. He appealed to Lehigh men to back up these boys by

organizing now for their aid and not leave the work to be done by a few men.

A business meeting followed the speeches and the following officers were elected: F. L. Castleman, '95, President; Robt. Farnum, '96, Vice-President; Moriz Bernstein, '96, Secretary-Treasurer.

### New York Lehigh Club Cheer-up Dinner

On Friday night, February 8, a "cheer-up" dinner was given by the New York Club, which convinced those present of the real advantage of an occasional "gloomless" night.

Certainly no organization ever succeeded in banishing gloom more successfully than did the New York Club at this dinner, which will live in the memory as one of the most enjoyable they have ever held. All formality was thrown to the winds and everyone joined in making the evening a good old-fashioned college reunion.

A pair of colored "bredern" each gifted with a splendid voice, and able to make a banjo and piano perform in a way that met with the approval of that eminent virtuoso, "Charlie" Pettinios, kept things lively at the start. Soon, however, they had competition, for the diners insisted on solos from the club president, J. T. Morrow, '89, and the secretary, "Bill" Colling, '12. Under the able leadership of Colling, the rousing choruses of Lehigh songs, interspersed with Lehigh yells, made one feel that every man had slipped back into his undergraduate days.

The President of the Club made a splendid Master of Ceremonies and each speaker was happily introduced. The guest of honor, C. P. Coleman, '88, President of the Worthington Pump & Machinery Corporation, was the first called on. Morrow acknowledged that he had promised Coleman he would not have to make a speech, therefore he said he would only call on him for an "address." Coleman refused to fall for such camouflage, but never the less expressed his sense of gratification and appreciation of the honor done him by the Club. Dr. Drinker followed with a most interesting talk on the college and its activi-

ties. No matter who else may be present, the one man that Lehigh Alumni want to see and hear is Dr. Drinker and the enthusiastic reception that greeted him, the close attention paid to his remarks and the tremendous applause accorded him on his conclusion were merely the usual incidents to be expected in a gathering of Lehigh Alumni when Dr. Drinker speaks. Then came Ellis Parker Butler, the famous author of "Pigs is Pigs," and merriment reigned supreme. Coleman having stated he could not make a speech, Butler said he would give him a few rules for after-dinner speaking. And he did so in a talk that completely destroyed any gloom that might be still clinging to the fringe of the gathering. Meanwhile the moving picture operator had set up his machine and he now attempted to show the reel, entitled, "Lehigh, 78; Lafayette, 0." The reel being a very short one and the operator feeling that it would not do to finish his job too quickly, he managed to stretch it into three reels by breaking the film each time the audience got properly settled down to the enjoyment of the game. However, that was forgotten in the interest in the speech of Dr. Cyprien Q. Mailloux, S.D. (Hon.), '14, who was the next called upon. His story of the work of the Electrical Committee of France in raising the 37th Regiment of Electrical Engineers was inspiring. Dr. Mailloux is chairman of this committee, on which several other Lehigh men also serve. J. A. Buch, C.E., '06, who was largely instrumental in forming the new Cuba Lehigh Club, was made the recipient of the greetings of the New York Lehigh Club to this new sister club and responded happily. The last speaker was the Alumni Secretary, Walter Okeson, who told something of the great work being done by Lehigh's sons in every branch of national service and who appealed for the help and co-operation of every Lehigh man in the work of the Association.

NOTE.—The Secretary, E. S. Colling, 61 Broadway, New York, asks that all Lehigh men in the vicinity of New York who are not receiving notices of the dinners send in their names and addresses. Also, all men

in other cities who desire to know of the dates of New York meetings, so that they may attend should they happen to be in New York, are asked to notify the Secretary.

#### Lehigh Club of New England.

Herman H. Davis, '92, Secretary, writes that the Lehigh Club of New England has decided to substitute monthly Luncheons for the monthly evening meetings heretofore held. These Luncheons will be on the first Wednesday of each month, from 12 to 2 p.m., at the Boston Architectural Club. The New England Club assisted in the All-College Rally held at the Boston Opera House on February 16. The Hon. James M. Beck was the principal speaker and the proceeds from the sale of tickets and contributions was sent to the treasurer of the American University Union in Europe.

#### LEHIGH CLUB OF CENTRAL PENNSYLVANIA

##### Annual Meeting on February 9, 1918

In the University Club at Harrisburg on Saturday night, February 9, a score of members of the Lehigh Club assembled for their annual meeting.

The election of officers resulted in the re-election of the present incumbents: W. D. B. Ainey, '87, Honorary President; Mercer B. Tate, '90, President; Warren B. Keim, '95, Vice-President; Percy L. Grubb, '01, Secretary and Treasurer. The present Board of Directors was also re-elected.

After the business meeting the members adjourned to the dining room, where an excellent supper was served. Then Dr. Emery, Vice-President of the University, was called on and told of the effect of the war on the work and attendance at Lehigh. While not making light of the difficulties that beset the work at every educational institution, Dr. Emery was optimistic as to Lehigh's continued success in "pulling her load." He was followed by the Alumni Secretary, Walter Okeson, who spoke earnestly of the necessity of Lehigh men uniting and by becoming active members of the Alumni Association, making that body the real prop and stay of the University.

**BIRTHS****Class of 1879**

A daughter, Jane Standen Tucker, to Mr. and Mrs. Richard Hawley Tucker, Lick Observatory, Hamilton, Cal., on November 20, 1917.

**Class of 1901**

A son, Cadwallader Evans, 3rd, to Mr. and Mrs. Cadwallader Evans, of Genesee, N. Y., on October 18, 1917.

**Class of 1905**

A daughter, Dorothy Jean Ryan, to Mr. and Mrs. F. C. Ryan, of Seattle, Wash., on December 4, 1917.

**Class of 1909**

A daughter, Elizabeth Keife, to Mr. and Mrs. Charles F. Keife, of 1534 East 66th Place, Chicago, Ill., on Feb. 2, 1918.

**Class of 1911**

A daughter, Dorothy Rebecca Ball, to Mr. and Mrs. Earle A. Ball, on September 22, 1917.

**Class of 1914**

A son, Richard Dudley, jr., to Mr. and Mrs. Richard Dudley Jordan, on November 9, 1917.

**MARRIAGES****Class of 1904**

On August 27, 1917, William C. Cram, jr., to Miss Mary J. O'Brien, of Ottawa, Ontario. The wedding took place at Kennebunkport, Me., and they are residing at Renfrew, Ontario.

**Class of 1907**

On December 8, 1917, First Lieutenant Joseph T. Waddill to Miss Dolly Adam, of Richmond, Va. Lieutenant Waddill is stationed at Camp Sevier, Greenville, S. C.

**Class of 1909**

On December 12, 1917, First Lieutenant Lloyd C. Taylor to Miss Marcia Estes, daughter of Dr. Wm. L. Estes, of South Bethlehem, Pa. Lieutenant Taylor is with the 312th F. A., at Camp Meade, Md.

Captain Samuel W. Fleming to Miss Sarah Hastings, of Bellefonte, Pa. Miss Hastings is a daughter of the late ex-Governor of Pennsylvania, Daniel Hastings. Capt. Fleming is Adjutant of the 315th Infantry at Camp Meade.

**Class of 1912**

On October 25, 1917, Alexander Gordon Black to Miss Mae Davies, of Duquesne, Pa. They are residing at 517 12th Street, N. W., Canton, Ohio.

**Class of 1916**

On December 12, 1917, Lieut. Jacob Hagenbuch to Miss Marion D. Brown, of Toronto, Canada. Lieut. Hagenbuch is stationed at Camp Meade, Md., in the 311th Machine Gun Battalion.

**Class of 1919**

On November 26, 1917, Richard Henry Lee to Esther Marie Boyer, of Elkton, Md.

Dr. Frederick Earle Whitaker, who was acting Professor of Greek at Lehigh from February to June, 1909, was married on October 20, 1917, to Miss Sara Burton Fish, of Boston, Mass.

**OBITUARY****Class of 1870**

William J. Kerr, A.C. and M.E., died on December 14, 1917, in the hospital at Rome, Ga., from chronic heart trouble, to which he had been subject for a long time.

Dr. Henry Bidlack Reed, B.A., who died at his home in Milford, Pa., on January 1, 1918, was born in Philadelphia on September 16, 1850. He was a son of Edward J. and Mary (Bidlack) Reed, and a direct descendant of John Alden, who landed from the Mayflower at Plymouth, Mass., in 1620.

He graduated from Lehigh University in 1870 and then studied medicine at the University of Pennsylvania, receiving his diploma in 1873. He continued the study of his profession in Vienna and Berlin. He was later assistant demonstrator of anatomy and practical surgery at the University of Pennsylvania and chief of the ear clinic of the University Hospital.

Dr. Reed moved to Brooklyn in 1886 and continued the practice of his profession until 1897, when he retired on account of ill health, and had since made his home in Milford.

He married Bertha Osgood Howard, of Brooklyn, on November 28, 1874. She survives with five children.

**Class of 1888.**

Adolph Theodore Bruegel, M.E., who died November 7, 1917, at his home, Melrose Park, Pa., was born at Canton, Ohio, January 11, 1866, the son of Rev. G. A. and Olivia Bruegel.

After having pursued a Manual Training Course in Washington University, he entered Lehigh in 1884 and was graduated in 1888, with the degree of Mechanical Engineer. He subsequently pursued a graduate course at Cornell University, from which he received the degree of Master of Mechanical Engineering and where he was an Engineering Instructor for five years. Thereafter he was in charge of the Mechanical Engineering Department of Pratt Institute and later of Drexel Institute. During ten years past, he has been Secretary of Hess-Bright Manufacturing Co. He was a member of the American Society of Mechanical Engineers, and of a number of other scientific and social organizations.

He is survived by a widow, Cornelia E., daughter of Dr. Joseph Park and Cornelia Livingston Battershall, of Attleboro, Mass., and a son, Theodore Ward Bruegel.

**Class of 1895**

Archibald D. Morris, M.E., died on January 21, 1918. His funeral was on January 23, at 722 Radcliffe Street, Bristol, Pa.

**Class of 1896**

Oliver Zell Howard, M.E., while on his way to his office, on December 20, 1917, fell dead from heart failure. Howard had been in the West for several years working on the production of potash to replace the supply formerly obtained from Germany. While in Utah he was quite ill for many months but refused to stop work. Since his return to New York he seemed to improve in health so that his death was a shock to all his friends. He was a brother to John M. Howard, M.E., '87; Walter Howard, '95, and an uncle of John M. Howard, jr., '19. He is survived by his widow.

**Class of 1904**

On July 12, 1917, near East Aurora, N. Y., William E. Dunbar, C.E., was shot and instantly killed by an Italian track foreman. Shortly before the

shooting Dunbar had discharged the man for not attending to his duties. The foreman, whose name is Antonio Rosso, had walked away after his discharge muttering to some of his gang that he would "get" Dunbar. In a few minutes he returned to where Dunbar stood, drew a revolver and fired the fatal shot. Dunbar was thirty-four years old and had been in the employ of the Pennsylvania R. R. for a number of years, starting as a roadman soon after his graduation from college. He was a brother-in-law of Mercer B. Tate, '90, of Harrisburg, who is the President of the Lehigh Club of Central Pennsylvania. He is survived by a widow and one child, residing in East Aurora, New York.

**Class in 1909**

Paul B. Cosgrove, jr., died in Johnston City, Ill., on Friday, the 21st of December, 1917.

Harold W. Keck died on August 17, 1917, at the University Hospital, Philadelphia, while undergoing an operation.

**Class of 1911**

Oscar L. J. Graham, M.E., who was mechanical engineer for the U. S. Aluminum Co. at New Kensington, Pa., was so severely burned in an explosion in the power department on Monday, November 5, 1917, that he died of his burns at 2 a.m. the following Saturday. In his short career he made many friends and was considered a very valuable man by his company. He sacrificed his life in an attempt to save others by rushing into the building to warn against turning water upon the burning aluminum powder, just as a stream was turned upon it from the second story. A fearful explosion followed, burning most of the clothing and much of the flesh from his body. He pulled himself out of the debris, however, and made his way unaided to the plant hospital. Many were burned, Graham being the ninth to die. He married Miss Clara Wilkinson, of New Castle, Pa., in 1913. Their only child, a son, died last August. He leaves his widow, his sister, Mrs. J. B. Reynolds, and his mother, Mrs. Jennie E. Graham, of Bethlehem. He was a member of the A. T. O. Fraternity.

### PERSONALS

**Class of 1870.**—Edward C. Boutelle has been made President of the P. & B. Ore Products Co., Inc., 610 Forrest Bldg., Philadelphia, Pa.

**Class of 1878.**—Major H. M. Byllesby, Signal Corps, Pres. of H. M. Byllesby Co., a widely known firm of Chicago Engineers, has given up his lucrative private practice to serve in the Personnel Division of the Signal Corps.

**Class of 1884.**—Charles O. Haines has been elected President of the Seaboard Wharf and Warehouse Co., Portsmouth, Va.

**Class of 1885.**—John B. Price, '85, has a son in the Navy who is Asst. Instructor at the Newport Training Station.

**Class of 1888.**—Clarence E. Raynor, E.E., is now Senior Highway Engineer, Office of Public Roads and Rural Engineering, U. S. Dept. of Agriculture, Washington, D. C.

**Class of 1889.**—Charles W. Moffitt, M.E., formerly Manager of Sales, Chapman Engine & Machine Co., is now General Manager, Jacobson Machine Mfg. Co., Warren, Pa.

T. F. Newby has associated himself with B. E. Laciard, Real Estate, General Insurance and Bonding at 29 S. Main Street, Bethlehem, Pa.

Wallis E. Howe has been elected First Councilman of Bristol, R. I. He is a member of the firm of Clarke & Howe, Providence, R. I., the architects who designed the new Providence Building of the Telephone Co. in Providence.

**Class of 1891.**—Captain Charles J. Coll, Canadian Forces, was Chief Instructor at the Royal School of Infantry at Halifax, Nova Scotia, from February, 1916, to November, 1917. At the time of the Halifax disaster he was appointed Military Representative, Halifax Relief Committee.

**Class of 1892.**—Samuel D. Cushing, M.E., is Managing Director of John B. Semple & Co., makers of special ordnance, Sewickley, Pa.

**Class of 1893.**—C. W. Parkhurst, E.E., is now chief Electrical Engineer for Berwind-White Co., Commercial Trust Bldg., Philadelphia, Pa.

**Class of 1895.**—Robert B. Brinsmade, E.M., is now Superintendent of

Minas de Cardonal, Ixmiquilpan, Hgo., Mexico.

Norman P. Massey, C.E., formerly Engineer with the Public Service Commission, New York City, is now Designing Engineer, Bureau of Yards & Docks, Navy Dept., Washington, D.C.

James E. Brooks, M.E., is a member of the Committee of Public Safety in Glen Ridge, N. J., and also a member of the Home Guard Company recently made a part of the New Jersey State Militia.

E. B. John, C.E., has been made Superintendent of the Renovo Division of the Pennsylvania Railroad, with headquarters at Erie, Pa.

**Class of 1898.**—John P. Reynolds, jr., M.E., is now with John B. Semple & Co., manufacturers of special ordnance, Sewickley, Pa.

H. B. Hershey, E.E., formerly Omaha Manager of the Phoenix Construction Co., is now engineer with the Electric Bond & Share Co., 71 Broadway, New York City.

**Class of 1900.**—Henry H. Scovill, M.E., President of the Alumni Association, was commissioned Major in the Ordnance Corps in December, 1917. He is in the Production Section, Carriage Division, and spends most of his time in Pittsburgh, where he oversees the production in that great manufacturing district.

**Class of 1903.**—Henry A. Firpo, formerly with the New York Life Insurance Co., is now of the firm of Cunge, Firpo & Cie, Importers and Exporters, 5 Rue Lafitte, Paris, France.

John W. Hertzler, M.E., has been made Assistant Manager and Assistant Treasurer of the Bearings Company of America, Lancaster, Pa.

Nicholas H. Heck, B.A., '03, C.E., '04, for thirteen years in the Coast and Geodetic Survey, was commissioned Lieutenant of the U. S. Naval Reserve Force on Sept. 24, 1917. Heck spent a great deal of time on the development of the wire drag—a means of finding uncharted rocks—which is now in use in all U. S. waters, where such obstructions exist, and also is used by foreign countries. In all probability this device is used by mine sweepers everywhere, as it is well known and decidedly the best device for such operations.



**Class of 1904.**—Andrew J. Farabaugh, E.M., formerly in charge of the open hearth department of the Steelton plant of the Bethlehem Steel Co., has been made Superintendent of the blast furnace department of the Maryland plant of the Bethlehem Steel Co. at Sparrows Point, Md.

J. L. Beaver, E.C., who has been with the Philadelphia Electric Co., has taken S. R. Schealer's place as Assistant Professor of the Electrical Department at Lehigh. Schealer is now Lieutenant (Junior Grade) in the Navy.

**Class of 1905.**—Francis C. Ryan, Met.E., is Metallurgist with the Pacific Northwest Experiment Station, U. S. Bureau of Mines, at the University of Washington, Seattle, Wash. Ryan's work has been, during the past year, an investigation of the present status of the electrochemical and electro-metallurgical industries of the Pacific Northwest.

Dr. William L. (Billy) Estes, jr., B.A., '05, Alumni Member of the Athletic Committee, son of Dr. W. L. Estes (whom every Lehigh man remembers) has been commissioned First Lieutenant in the Medical Officers' Reserve and ordered to report at Fort Oglethorpe, Ga., on March 5, 1918, to attend the Officers' Training School. Dr. Estes is physician and surgeon at St. Luke's Hospital and consulting physician for Lehigh University. He will be very much missed in Bethlehem and at Lehigh.

**Class of 1906.**—Eugene B. DeMerritt, formerly with the Union Switch & Signal Co., Chicago, Ill., is now Assistant Manager of Georgia Railway, Savannah, Ga.

**Class of 1907.**—John A. Brodhead, M.E., is Educational Director of Army Y. M. C. A., No. 75, at Camp Hancock, Ga. Previous to his assignment to Camp Hancock he was one of the Executive Secretaries of the Cincinnati, Ohio, Association.

First Lieut. Truman G. Schnabel, B.A., '07, of the Medical Officers' Reserve Corps, has been stationed at the Base Hospital for Camp Sevier at Greenville, S. C., since last September. He is the heart specialist of the staff.

**Class of 1908.**—Gilbert H. Hoppin, E.E., formerly Electrical Engineer of

the Hazard Mfg. Co. of Wilkes-Barre, Pa., is now Engineer, Production Dept., Sperry Gyroscope Co., Brooklyn, N. Y.

C. B. Bressler, who has been Instructor in Manual Training and Shop Mathematics in the Seward Junior High School, Minneapolis, Minn., accepted the position of Principal of the Glen Lake Farm School, Hopkins, Minn., at the beginning of the present school year. The school is a farm of 160 acres, with proper buildings, maintained by Hennepin Co., Minn., for boys sentenced by the Juvenile Court of Minneapolis. It is one of the modern plants for making over, instead of merely punishing delinquent boys. Instead of these boys being made confirmed criminals by a sentence to so-called reform schools, they are sent to Glen Lake where, under the able supervision of Bressler and his assistants, they are developed physically, mentally and morally and when the proper foundation is laid, are returned to their homes.

**Class of 1909.**—David M. Petty, E. E., Superintendent of the Electrical Dept. of the Bethlehem Steel Co., was elected Vice-President of the Association of Iron & Steel Electrical Engineers at a meeting held in Pittsburgh on January 19, 1918.

Lloyd McEntire, C.E., has been made Principal Assistant Engineer, Division of Bridges and Grade Crossings, Board of Public Utility Commissions, State of New Jersey.

Gifford C. Bakewell, '09, end rush in the 1907 and 1908 football teams, is now a Captain in the 33d Engineers, a volunteer regiment which is being formed at Camp Devens, Mass. "Giff" is most anxious for Lehigh recruits and we publish elsewhere a call for volunteers for the 33rd which he sent us.

Garrett DeF. ("Peggy") Speirs, C. E., '09, Captain of the 1908 football team which won the memorable 11-5 victory over Lafayette at Easton, took the course in the Officers' Training School at Fort Myer, Va., and was commissioned First Lieutenant in the Field Artillery. He is stationed at the National Army Camp at Camp Lee, Va., and is having the time of his life. A year ago he had a nervous break-

down and was in bad shape. Today he is the picture of health and looks as if he could lick his weight in wildcats.

**Class of 1910.**—A. M. Paget, C.E., has accepted the position of Resident Engineer of the American Trading Co., with office in Tokyo, Japan.

John T. Rees, Designer, Braden Copper Co., Rancagua, Chile, writes that he is leaving for home shortly and will be in Bethlehem early in April.

**Class of 1911.**—J. G. McCoy, M.E., '12, First Lieutenant in Division of American Ordnance Base Depot in France, is at the Rock Island Arsenal, impatiently awaiting orders to go "Across." This Division is made up of about 15,000 officers and men who will make all the ordnance repairs and have charge of ordnance supplies for the Expeditionary Force. They have been at the Rock Island Arsenal for instruction.

**Class of 1912.**—Ernest S. Colling, B.A., Secretary of the New York Lehigh Club, formerly Assistant Sales Manager of the Pyrene Mfg. Co., is now in the Automobile Sales Department of the Vacuum Oil Co., at 61 Broadway, New York.

**Class of 1913.**—Alexander Harrison, C.E., has been transferred by Stone & Webster Engineering Corporation from Port Arthur, Texas, to the Hog Island plant of the International Ship-building Corporation. His present position is Office Engineer, Utility Department.

**Class of 1914.**—Donald B. Wood, M.E., '12, First Lieutenant, Engineer Officers' Reserve Corps, is in the Production Division of the General Engineer Depot and has charge of the production of Motor Transportation equipment. The Engineer Corps had taken over the Mack Plant of the International Motor Co. and uses its entire output. They now purchase all their own trucks direct instead of buying through the Ordnance or Quartermaster's Departments.

Lewis Thornberg, C.E., '14, is now an assistant Civil Engineer in the U. S. Navy with the rank of Lieutenant (Junior Grade). We have several men in this branch of service and several others who have taken the preliminary examinations direct for it. The exams

are very hard. There were 233 applicants with Thornberg, of whom 80 passed the preliminary examination. The physical examinations reduced this number to 50 and the final exams., lasting for 31½ hours, cut the number to 30 who received commissions. Thornberg stood thirteenth on this list.

Russell M. Neff, M.E., '14, Second Lieutenant, C. A. C., has recently been transferred from Fort Hamilton, N. Y., to Fort Wadsworth, Staten Island, where he is assigned to a mine company. The engagement of Lieutenant Neff to Miss Marye E. Kildare, of Catasauqua, was announced in December.

Lieutenant Percy Sanderson, B.A., '14, of the 304th Divisional Trains, Camp Meade, Md., writes that "The Sanderson referred to in the November BULLETIN, under the class of 1914, could not possibly be me because I have never seen the Allentown Camp. I must be right and the BULLETIN wrong. On the contrary, I am here at Camp Meade, Md., one of the finest stretches of No Man's Land in the world. Outside of the scenery, it is a fine place, however."

Captain Karl G. Van Sickle, M.E., '14, 308th F. A., writes from Camp Dix to inform us that we are entirely too premature in announcing his marriage in the November BULLETIN. He states that we should have announced his engagement and waited a reasonable period before insisting on his getting married. So again we are in wrong; but we never did believe in long engagements.

**Class of 1915.**—D. C. Ainey, M.E., is now Assistant Engineer, Pennsylvania Public Service Commission and Secretary of the Mayor's Industrial Transportation Committee, with office at 945 Union Arcade Bldg., Pittsburgh, Pa.

J. T. Morris is now Superintendent of the E. E. White Coal Co., Statesbury, West Virginia, a plant producing 1500 to 2500 tons of coal per day.

E. C. Higgins, B.S. (in Chem.), and R. M. Pierson, C.E., are working for Cosden & Co., one of the largest oil companies in the West, at Tulsa, Okla. Their address is 412 West 6th Street,

Tulsa, but Pierson writes, "Leave mine as it is on the books."

Roy H. Wood, '15, writes under date of December 8 from the Longwood Convalescent Home, Toronto, Canada, where he is convalescing after three months in the hospital. He states that both his legs were broken but fails to tell how the accident occurred. However, as he is a Cadet in the Royal Flying Corps, it is not hard to guess. He enlisted in Jefferson Unit Base Hospital, No. 38, but later on was transferred to the Royal Flying Corps, receiving an honorable discharge from the United States Army. He expects after completing his training to get into the American Aviation Service.

**Class of 1916.**—J. M. Burke, B.S., who made a great record on the cinder track while in college, is in the Aviation Section (non-flying) of the U. S. Navy. He is training in the Great Lakes school for machinists. Burke is running on the Great Lakes relay team, and expects to run in the Meadowbrook games in Philadelphia in March.

Charles H. Cope, B.A., Corporal, and I. H. Clarkson, Sergeant, of Battery A, 107th F. A., are now in the third Officers' Training School.

**Class of 1917.**—Kyle S. Crichton, B. A., is now Sporting Editor for the "Charlestown Mail," Charlestown, W. Va. Crichton was Captain of the Lehigh basketball team in his senior year and considered one of the best centers in the East.

The engagement of George C. Kehrer, E.E., to Miss Catherine Garber Eberman, of Bethlehem, has been announced.

Private W. A. Beck, of the 324th Field Signal Corps Battalion, stationed at Camp Meade, has been sent to the Signal Corps Officers' Training Camp at Camp Samuel F. B. Morse, Leon Springs, Texas.

Adolph Bach, jr., C.E., private in Headquarters Co., 152d Brigade, F. A., Camp Upton, N. Y., has applied for a commission in the Engineers' Corps. Out of 67 applicants for such commissions only 10 survived the preliminary examinations. Bach was one of these survivors and took the finals, lasted four days and which he suc-

cessfully passed. He is now awaiting action by the Adjutant General's Office.

A. F. Connell, who was Captain-elect of the 1918 baseball team, writes from Camp Meade, where he is a private in Battery B, 311th F. A. He says that army life is agreeing with him and that the officers deserve great praise for the excellent work they are doing in training and caring for the men. There are almost fifty Lehigh men at Camp Meade and "Allie" says they are going to get up a reunion.

E. L. ("Gene") Jenness, Captain of the lacrosse team that won the intercollegiate championship, is now an Ensign in the U. S. Naval Reserve.

Robert F. Beard, who was at the Reserve Officers' Training Camp at Fort Oglethorpe, Ga., has received a commission as First Lieutenant and given a command in a colored Infantry Regiment in the National Army at Camp Jackson, Columbia, S. C.

Philip Drinker, Second Lieutenant in the Aviation Corps, is putting his Lehigh training as a Chemical Engineer at the Government's service in the Research Department of the Aviation Corps, "over there in France." Louis Mudge is there in the same Department.

**Class of 1918.**—Stratton Vance is working for the Techatticup Mine, Nelson, Nevada.

Paul G. Wear, Captain-elect of the 1918 lacrosse team, is a private in the Gas Defense Service, Medical Dept., and is in France.

W. D. Maginnes, Captain of the 1916 football team, who enlisted for aviation, is in the U. S. Aero School at Massachusetts Institute of Technology, Cambridge, Mass.

LeRoy F. ("Jack") Knight is a private in the First Field Hospital at Camp Wadsworth, Spartansburg, S. C. He writes: "It would do your heart good to see the way Uncle Sam has at last got going and believe me if the German Government has as wonderful a secret service as we have heard, and they have full details of the camps like my own, why the Kaiser won't be so damned optimistic."

W. T. Halstead, Captain of the 1917 football team, has passed his examina-

tions for aviation and is awaiting call to go to ground school.

Robert W. Wolcott, who left college last Spring to work for the Council of National Defense, was accepted for Naval Aviation last Fall and entered the ground school at M. I. T., in October. In a letter received last November he gave a splendid description of the life there.

**Class of 1919.**—John H. Widmyer enlisted in the Naval Reserve in December, 1917, and is now at the Naval Wireless School in Philadelphia. He writes that the course, which lasts about four months, consists of lectures in Navigation and Wireless, drilling and practice in sending and receiving.

**Class of 1920.**—J. A. Dehnick is now with the American International Shipbuilding Corporation at Hog Island.

He is a candidate for admission to the Engineers' Reserve Corps.

Claude A. Fegley, who enlisted in Allentown on May 1, 1917, wrote an entertaining letter last fall of his various experiences in the regular cavalry. Last November he was detailed with fifteen others from his troop to form a part of an ammunition train destined for foreign service. When last heard from they were at Chicamauga Park awaiting orders.

**Class of 1921.**—F. F. DeLong, private in Truck N. 3, Ammunition Train, No. 103, 21st Div., Camp Hancock, Ga., writes that he would like us to publish "Bosey" Reiter's famous "piece," entitled, "To those that have tried and failed," written by Edmund Vance Cooke. We wish we had the space to do this and perhaps we may, in a later issue.

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## DO YOU READ THE BULLETIN?

### If so, Please Read This

We have given you an illustration in this number of what the size of the BULLETIN would be if we used a major portion of the interesting matter that comes to us. Even in this large issue we have been obliged to omit much that we would have liked to print. Of course it is impossible to continue publishing the Lehigh news fully unless the members furnish the money by paying their dues, as the subscription is included in the dues. It would cost us at least \$1.00 a year to publish and mail you issues of this size. The mailing cost alone is \$500 a year more than it would be if the majority of the members paid their dues, for in that case our free list would be reduced to a point where we could secure second class postage rates.

We regret our delay in publishing this issue, but its large size, combined with our publishers' troubles, caused by the Garfield closing order and the draft, is responsible.

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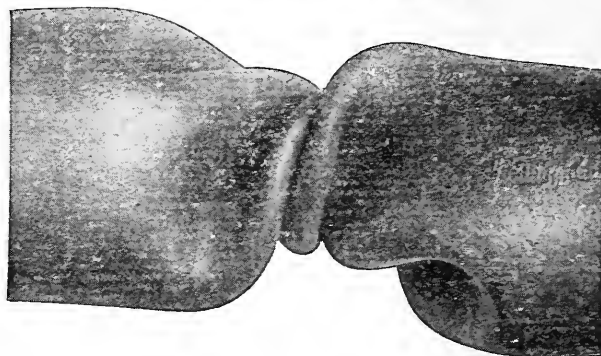
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## A PICTURE WITH A MORAL

(Being a "clinger" of our November tale)



*Scene:* Office of any Lehigh Alumnus.

*Dramatis Personae:* An Alumnus and the advertising man.

*Time:* The present.

*Alumnus:* H'm! What does the picture show? Rubber?

*Adv. Man:* No! It's a piece of "NATIONAL" Pipe.

*Alumnus:* What happened to it.

*Adv. Man:* It was subjected to a twisting force of 713,000 inch-pounds without showing a sign of fracture.

*Alumnus:* Well! Is there anything remarkable about that?

*Adv. Man:* There is, when we consider that this kind of pipe—8" "NATIONAL" Line Pipe—has walls about  $\frac{5}{16}$ ths of an inch thick and weighs in the neighborhood of 28 pounds per foot. We think the illustration shows in a unique manner the remarkable ductility of the material.

*Alumnus:* Is this ductility the only reason why Lehigh alumni should specify and use "NATIONAL" Pipe?

*Adv. Man:* I should say not! If you will look in the November issue of the Alumni Bulletin you will find a few reasons suggested, and in addition READ THE FOLLOWING:

Taylor Allderdice, '83  
W. A. Cornelius, '89  
G. P. McNiff, '06

W. A. Dehm, '98  
R. R. Throp, '05  
H. C. Gerwig, '10



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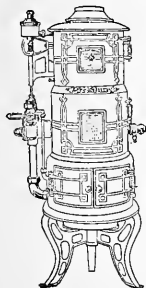
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